

Data File : VW014993.D
Acq On : 14 Feb 2020 13:18
Operator : SY/VA
Sample : MDL06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Quant Time: Feb 15 02:02:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 01:59:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	802047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	749759	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	291749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	352297	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	269852	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	4.01	63	480434	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
21) 2-Butanone-d5	7.07	46	212472	47.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.40%
24) Chloroform-d	7.65	84	572324	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.31	65	359296	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.08%
32) Benzene-d6	8.27	84	1161256	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	9.27	67	400634	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
41) Toluene-d8	10.32	98	968201	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	10.57	79	147980	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
47) 2-Hexanone-d5	10.92	63	144313	46.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.38%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	294868	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
66) 1,2-Dichlorobenzene-d4	13.85	152	269247	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	16525	1.103 ug/L	95
9) Trichlorofluoromethane	3.26	101	6927	0.909 ug/L	93
12) 1,1-Dichloroethene	4.03	96	15012	1.256 ug/L #	1
13) Acetone	4.13	43	14464	3.078 ug/L	69
14) Carbon disulfide	4.38	76	41545	0.961 ug/L	99
16) Methylene chloride	4.91	84	41835	2.823 ug/L	97
17) trans-1,2-Dichloroethene	5.42	96	12055	1.000 ug/L	91
18) Methyl tert-butyl Ether	5.42	73	15011	1.008 ug/L #	88
19) 1,1-Dichloroethane	6.21	63	28025	1.040 ug/L	93
20) cis-1,2-Dichloroethene	7.17	96	12317	0.991 ug/L	87
23) Bromochloromethane	7.52	128	5286	1.048 ug/L #	79
27) 1,2-Dichloroethane	8.40	62	19251	1.091 ug/L	96
29) Cyclohexane	7.95	56	20293	0.830 ug/L	94
30) 1,1,1-Trichloroethane	7.87	97	18756	1.028 ug/L	98
31) Carbon tetrachloride	8.07	117	16555	1.007 ug/L	95
33) Benzene	8.32	78	57620	1.047 ug/L	100
34) Trichloroethene	9.09	95	13198	1.001 ug/L	96

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Quant Title : SFAM01.0
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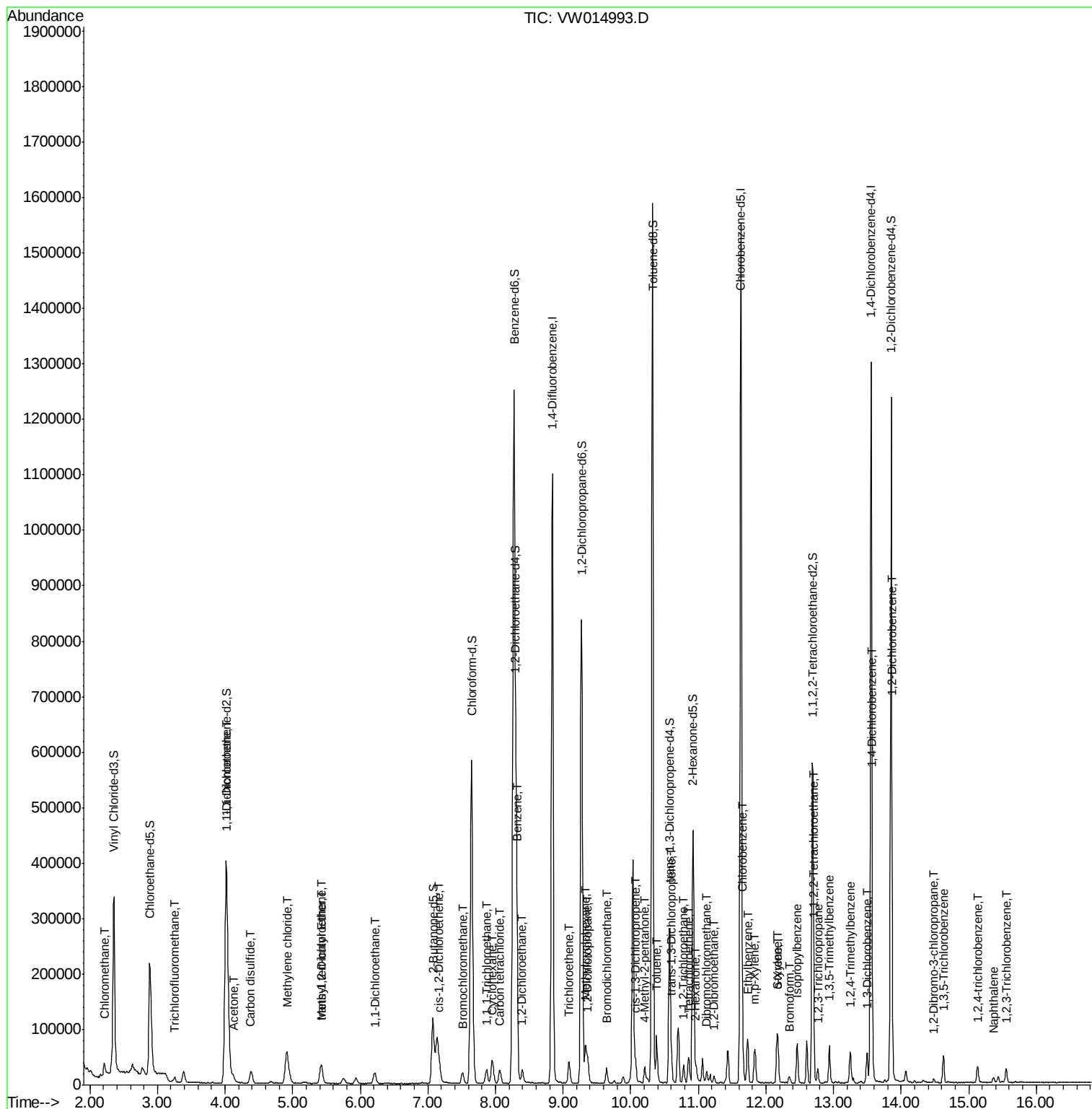
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	9.33	83	19235	0.846	ug/L	90
37) 1,2-Dichloropropane	9.37	63	15820	1.029	ug/L #	91
38) Bromodichloromethane	9.64	83	17088	0.987	ug/L #	99
39) cis-1,3-Dichloropropene	10.07	75	19344	0.940	ug/L	93
40) 4-Methyl-2-pentanone	10.21	43	21847	1.996	ug/L	100
42) Toluene	10.38	91	56262	1.058	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	23921	1.402	ug/L	95
45) 1,1,2-Trichloroethane	10.78	97	9442	1.012	ug/L	94
46) Tetrachloroethene	10.87	164	8533	0.997	ug/L	92
48) 2-Hexanone	10.97	43	16021	2.009	ug/L	99
49) Dibromochloromethane	11.13	129	9009	0.927	ug/L	88
50) 1,2-Dibromoethane	11.24	107	8737	1.039	ug/L #	99
51) Chlorobenzene	11.66	112	31849	1.015	ug/L	98
52) Ethylbenzene	11.73	91	50623	0.874	ug/L	97
53) m,p-Xylene	11.83	106	17164	0.844	ug/L	92
54) o-Xylene	12.16	106	15209	0.797	ug/L	98
55) Styrene	12.18	104	23523	0.715	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.71	83	14450	1.158	ug/L #	90
59) Bromoform	12.35	173	5224	1.171	ug/L #	93
60) Isopropylbenzene	12.46	105	37554	0.822	ug/L	97
61) 1,2,3-Trichloropropane	12.77	75	10420	1.219	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	29073	0.798	ug/L	96
63) 1,2,4-Trimethylbenzene	13.25	105	28930	0.812	ug/L	96
64) 1,3-Dichlorobenzene	13.50	146	18859	1.002	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	20928	1.078	ug/L	92
67) 1,2-Dichlorobenzene	13.87	146	19767	1.135	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	2137	1.195	ug/L	88
69) 1,3,5-Trichlorobenzene	14.63	180	12527	0.993	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	8132	0.860	ug/L	99
71) Naphthalene	15.36	128	6829	0.703	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.56	180	7927	0.904	ug/L #	88

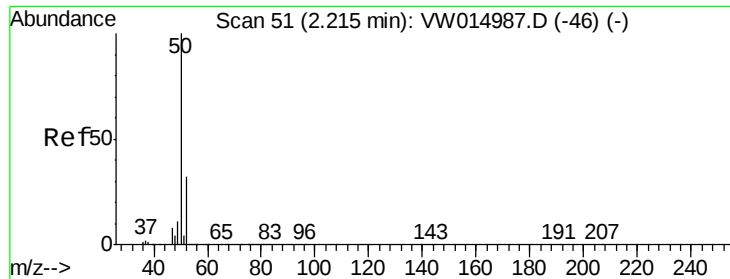
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#3

Chloromethane

Concen: 1.103 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

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Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

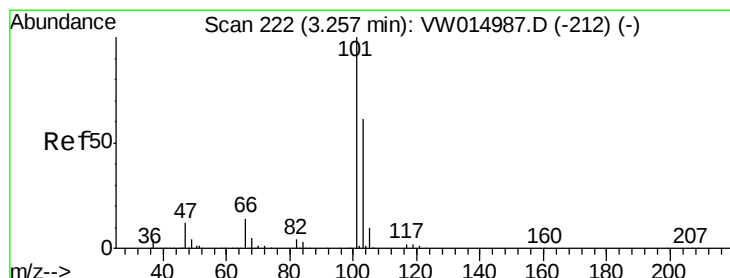
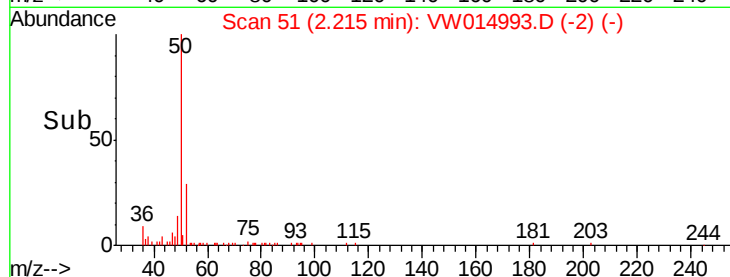
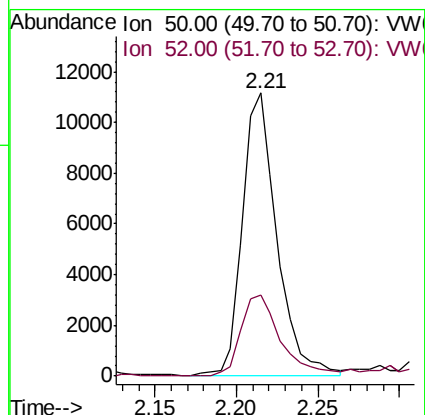
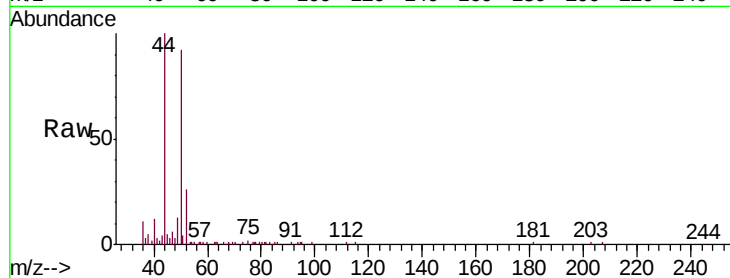
MDL06

Tgt Ion: 50 Resp: 16525

Ion Ratio Lower Upper

50 100

52 28.8 22.3 41.3



#9

Trichlorofluoromethane

Concen: 0.909 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW014993.D

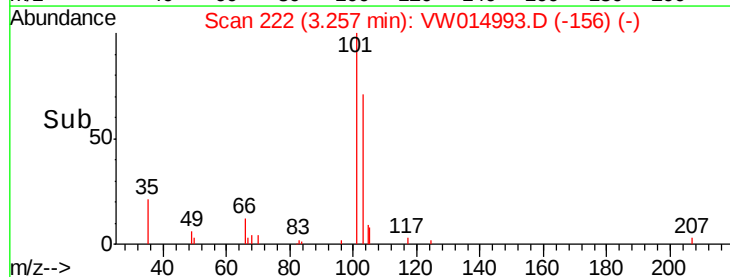
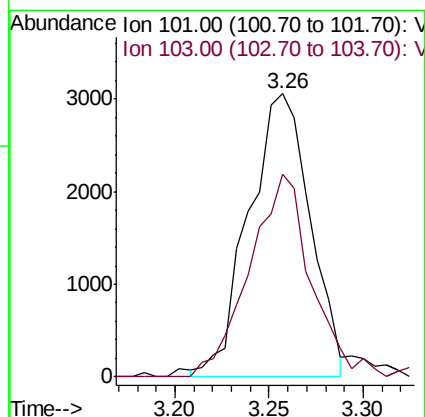
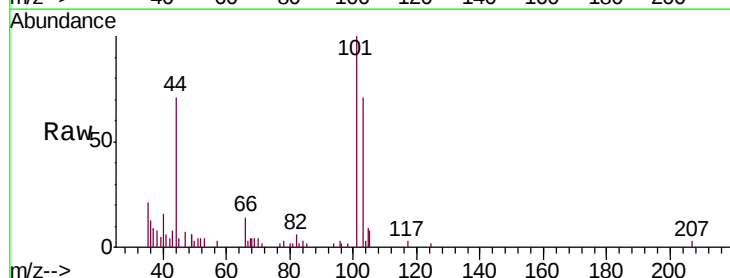
Acq: 14 Feb 2020 13:18

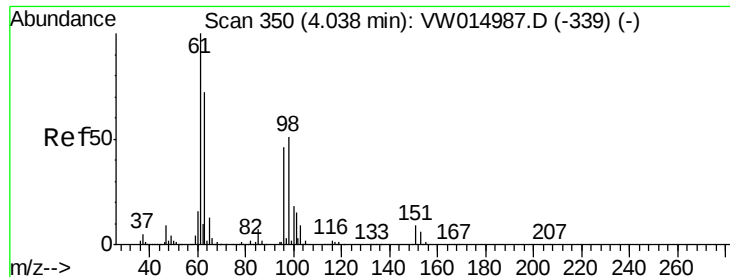
Tgt Ion: 101 Resp: 6927

Ion Ratio Lower Upper

101 100

103 70.0 51.5 77.3





#12

1,1-Dichloroethene

Concen: 1.256 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

MDL06

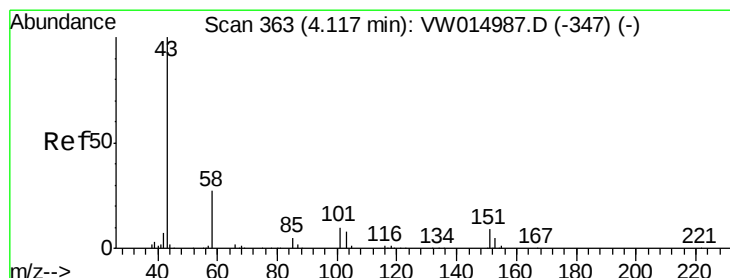
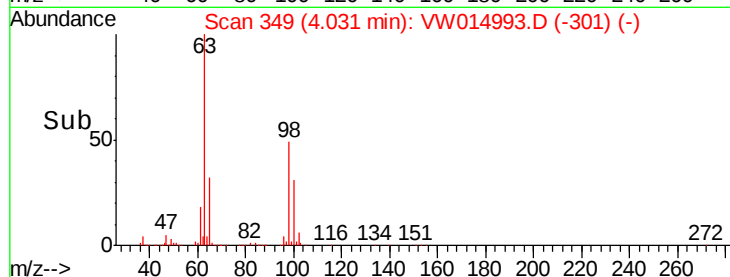
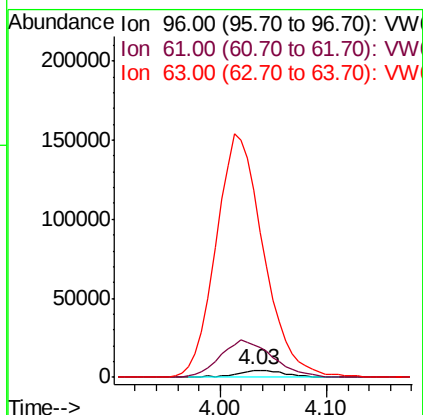
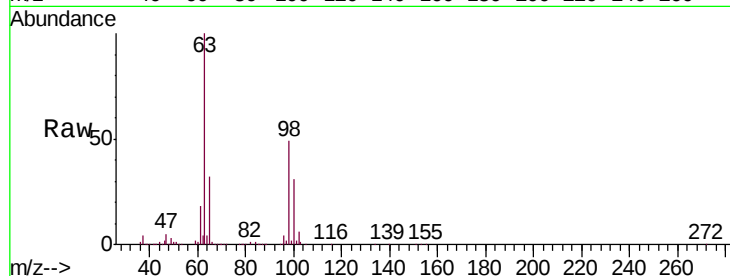
Tgt Ion: 96 Resp: 15012

Ion Ratio Lower Upper

96 100

61 462.2 147.0 273.0#

63 2634.1 113.4 210.6#



#13

Acetone

Concen: 3.078 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014993.D

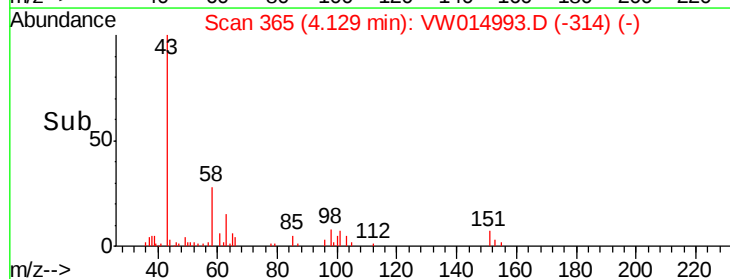
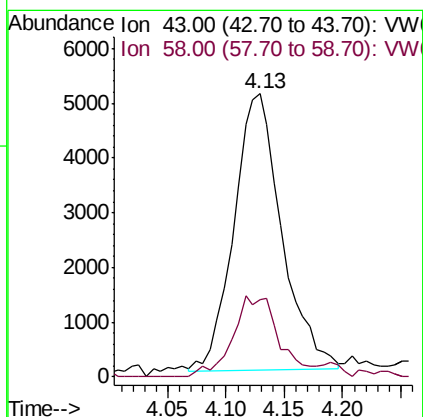
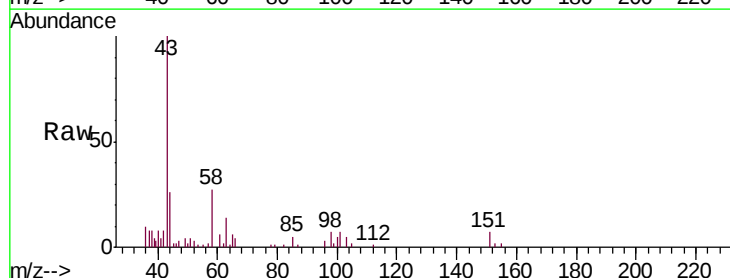
Acq: 14 Feb 2020 13:18

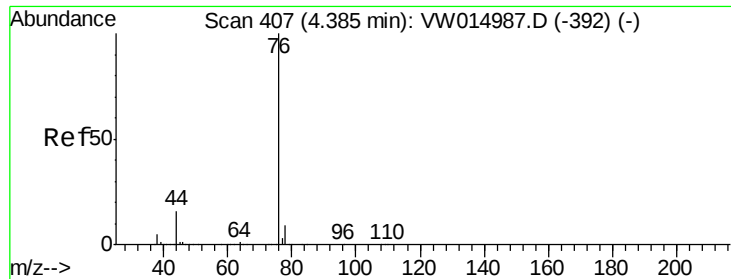
Tgt Ion: 43 Resp: 14464

Ion Ratio Lower Upper

43 100

58 10.9 0.0 54.6

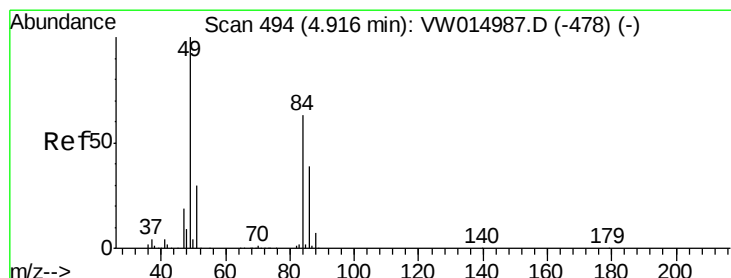
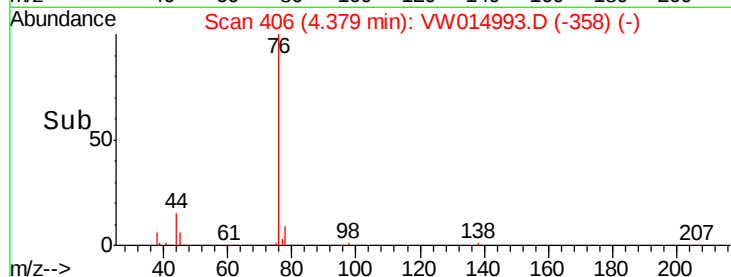
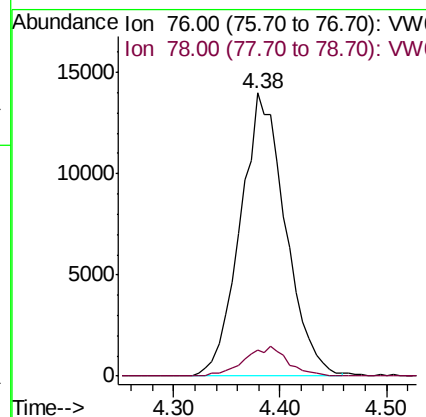
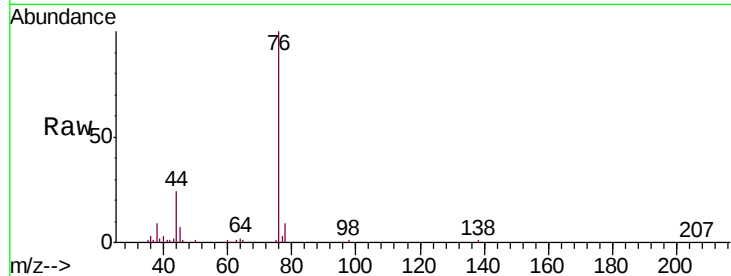




#14
Carbon disulfide
Concen: 0.961 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

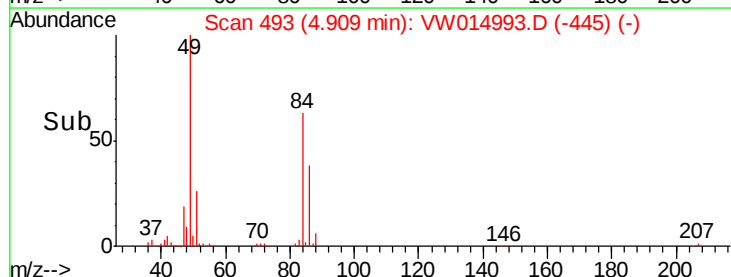
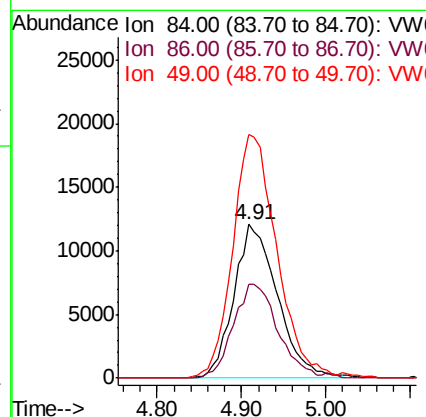
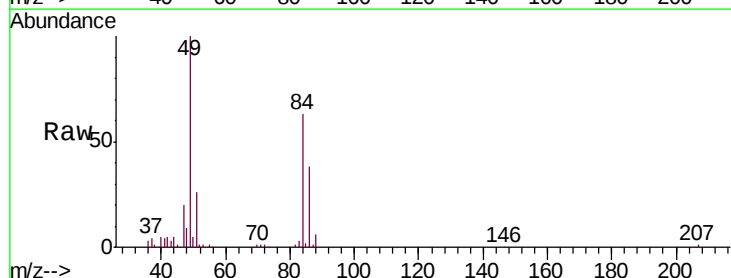
Instrument :
MSVOA_W
ClientSampled :
MDL06

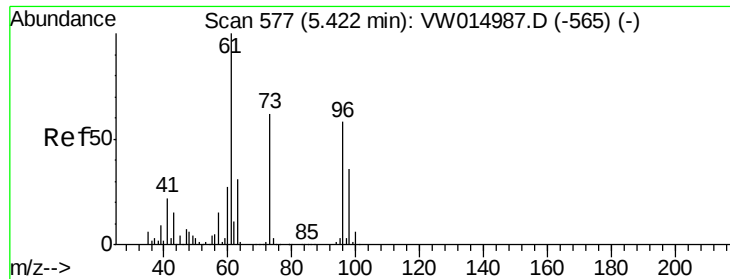
Tgt Ion: 76 Resp: 41545
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#16
Methylene chloride
Concen: 2.823 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion: 84 Resp: 41835
Ion Ratio Lower Upper
84 100
86 61.0 44.4 82.4
49 158.7 109.0 202.4





#17

trans-1,2-Dichloroethene

Concen: 1.000 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

MDL06

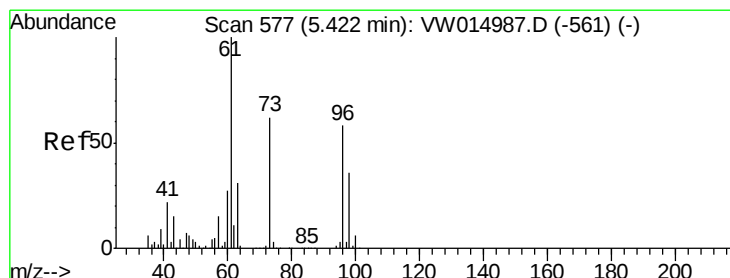
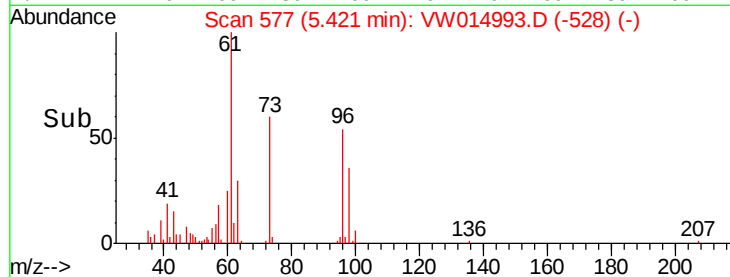
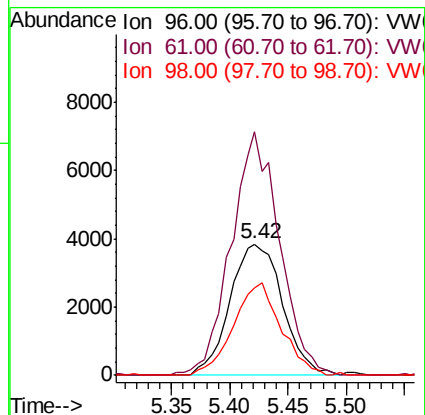
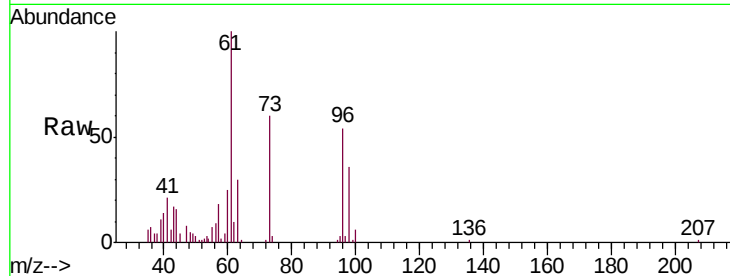
Tgt Ion: 96 Resp: 12055

Ion Ratio Lower Upper

96 100

61 185.7 120.1 223.1

98 66.4 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 1.008 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

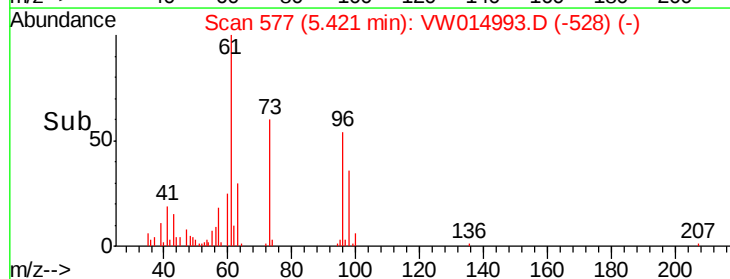
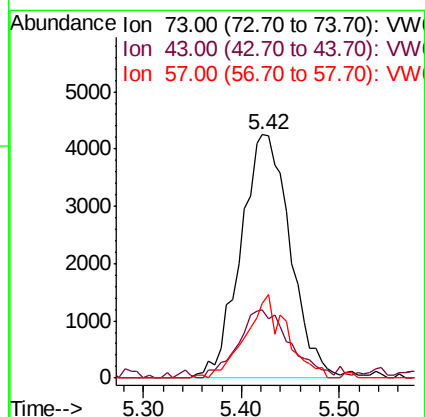
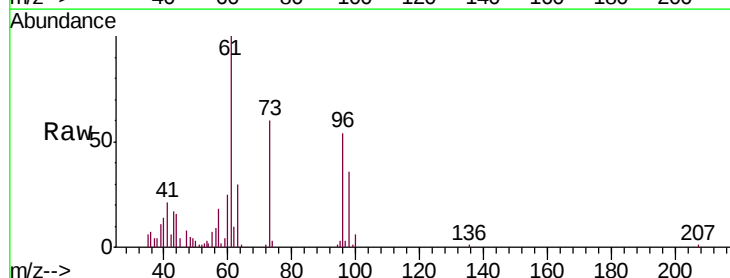
Tgt Ion: 73 Resp: 15011

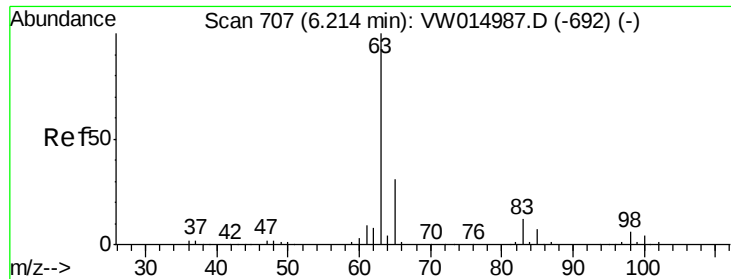
Ion Ratio Lower Upper

73 100

43 29.4 19.6 29.4

57 18.9 21.0 31.4#

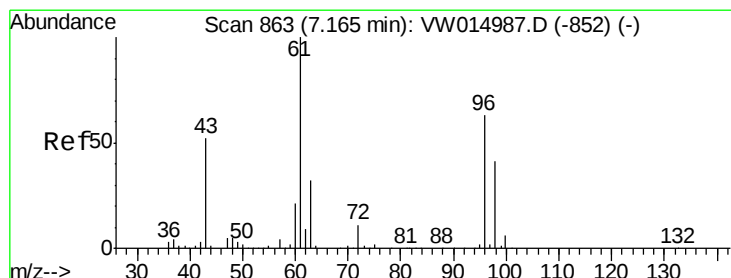
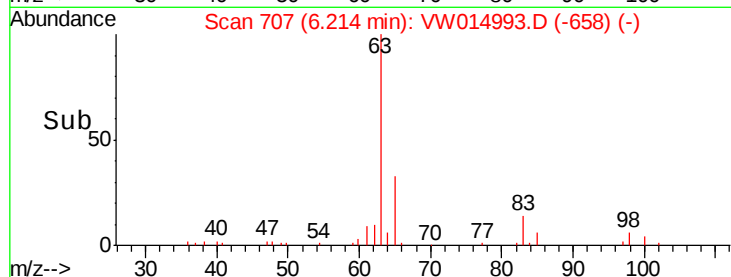
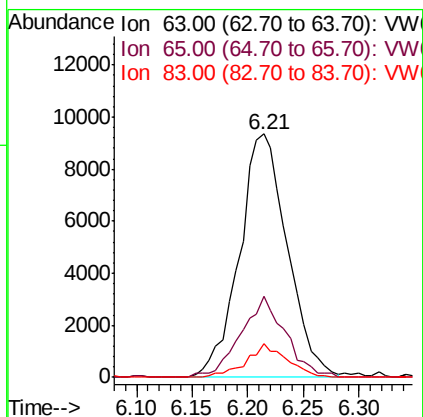
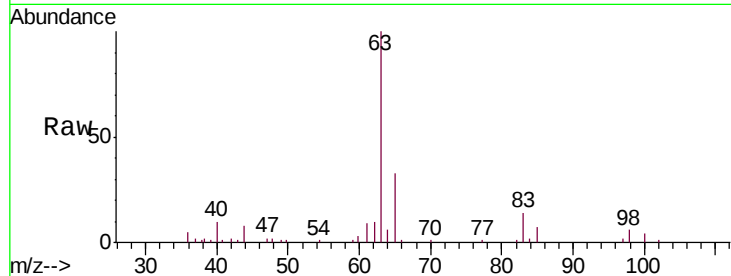




#19
 1,1-Dichloroethane
 Concen: 1.040 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

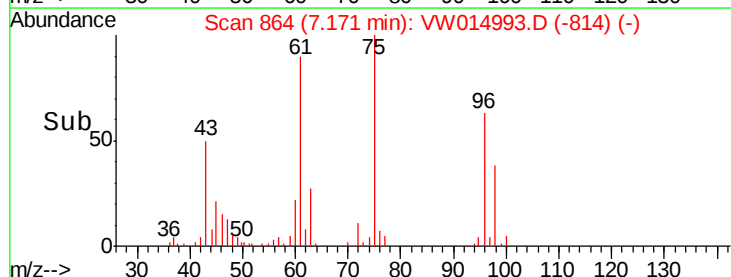
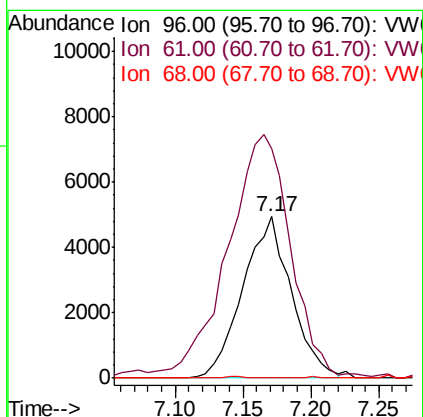
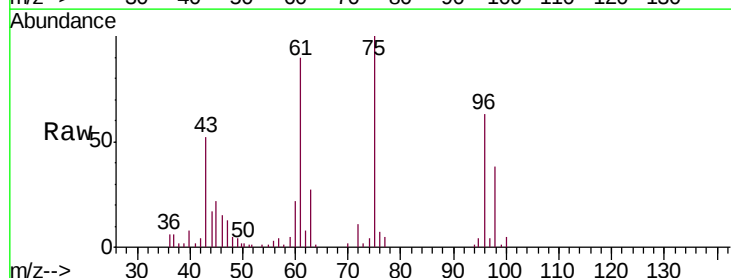
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

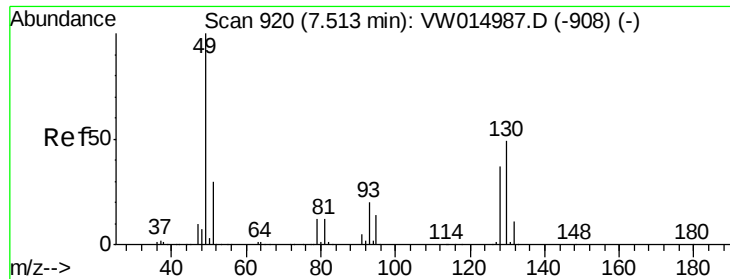
Tgt Ion: 63 Resp: 28025
 Ion Ratio Lower Upper
 63 100
 65 33.4 20.9 38.7
 83 13.7 7.8 14.6



#20
 cis-1,2-Dichloroethene
 Concen: 0.991 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 96 Resp: 12317
 Ion Ratio Lower Upper
 96 100
 61 142.2 111.5 207.1
 68 0.0 0.0 0.0

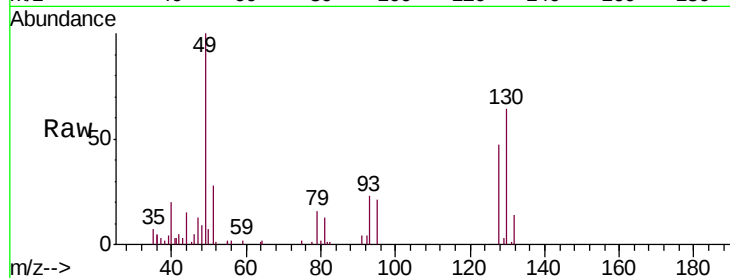




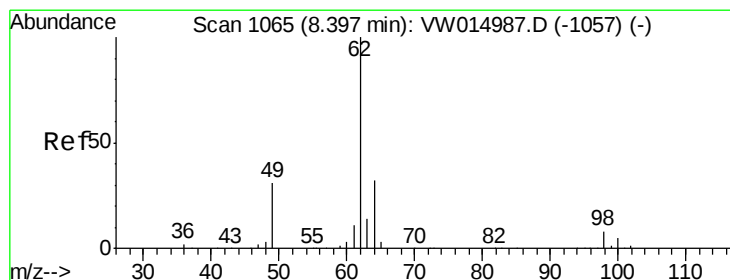
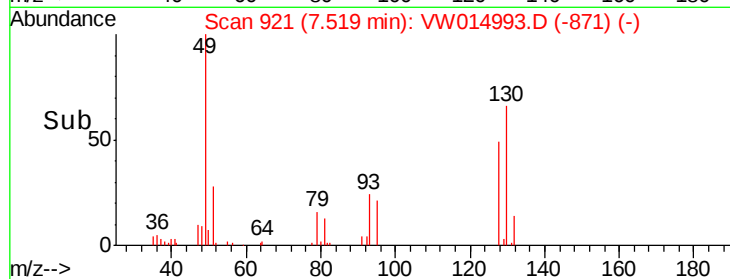
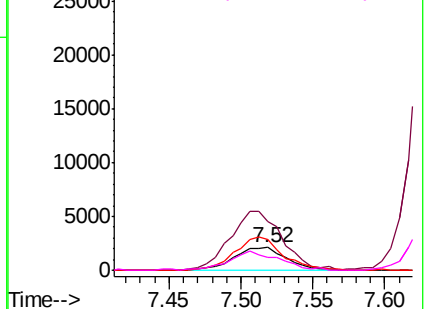
#23
Bromochloromethane
Concen: 1.048 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

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MSVOA_W
ClientSampleId :
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Tgt Ion: 128 Resp: 5286
Ion Ratio Lower Upper
128 100
49 210.9 179.0 332.4
130 134.8 85.5 158.7
51 58.1 61.7 92.5#

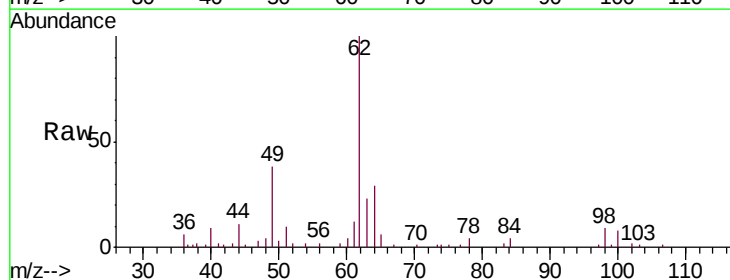


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): V

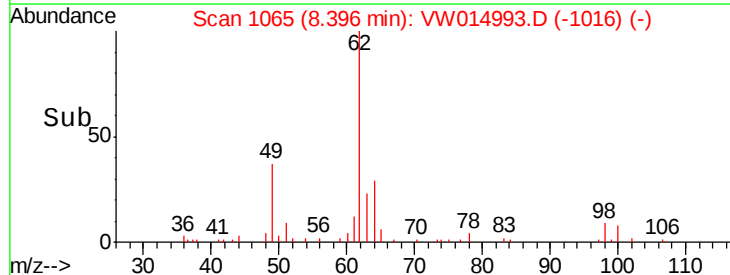
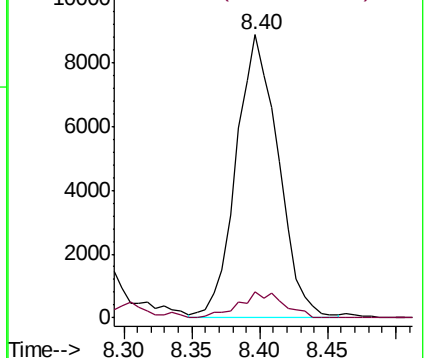


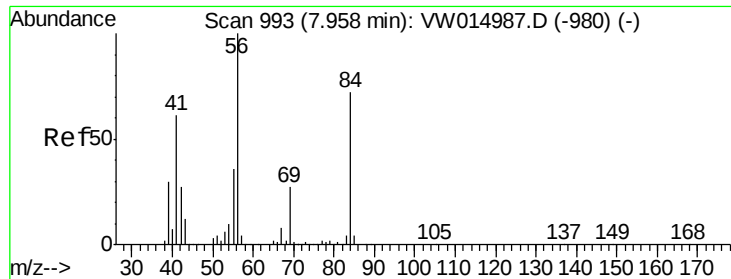
#27
1,2-Dichloroethane
Concen: 1.091 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion: 62 Resp: 19251
Ion Ratio Lower Upper
62 100
98 9.3 6.2 9.4



Abundance Ion 62.00 (61.70 to 62.70): V
Ion 98.00 (97.70 to 98.70): V

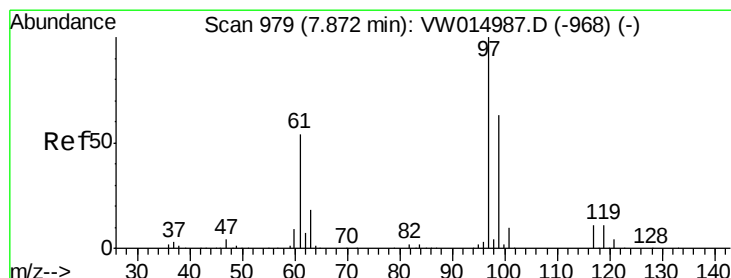
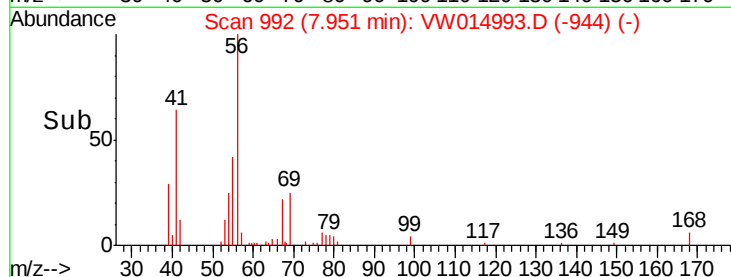
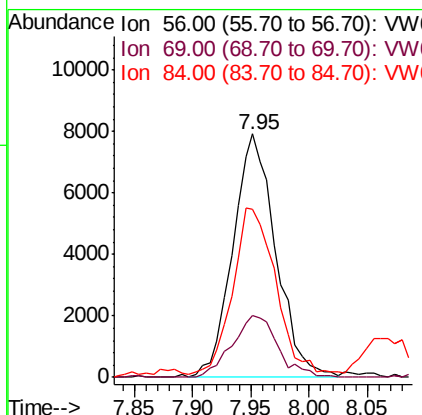
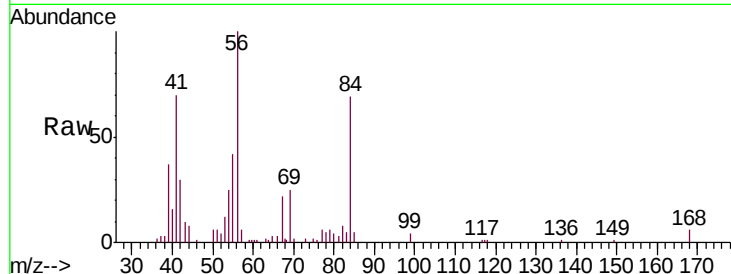




#29
Cyclohexane
Concen: 0.830 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

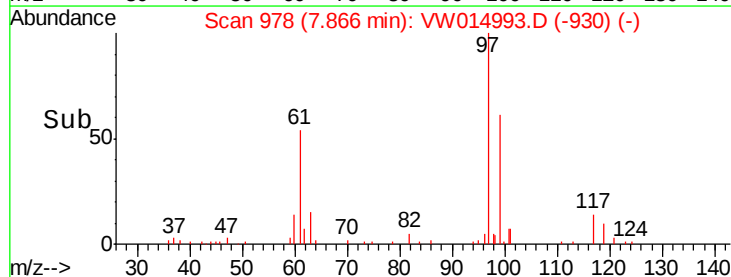
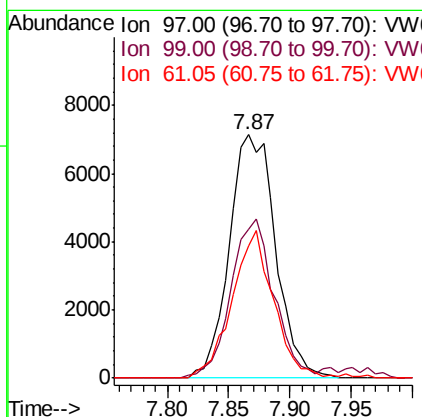
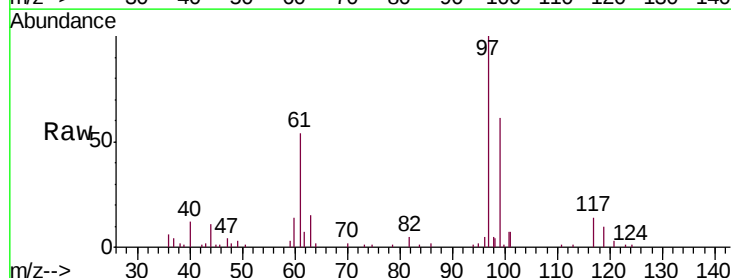
Instrument :
MSVOA_W
ClientSampled :
MDL06

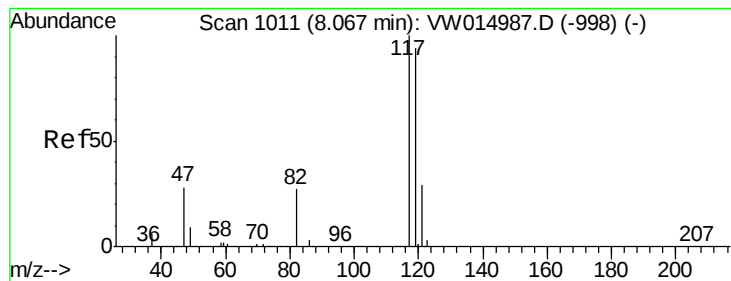
Tgt Ion: 56 Resp: 20293
Ion Ratio Lower Upper
56 100
69 24.9 22.0 33.0
84 66.7 57.8 86.6



#30
1,1,1-Trichloroethane
Concen: 1.028 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion: 97 Resp: 18756
Ion Ratio Lower Upper
97 100
99 60.8 50.6 75.8
61 54.2 42.7 64.1





#31

Carbon tetrachloride

Concen: 1.007 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

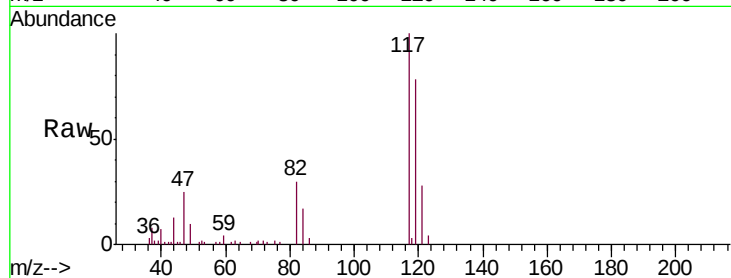
MDL06

Tgt Ion:117 Resp: 16555

Ion Ratio Lower Upper

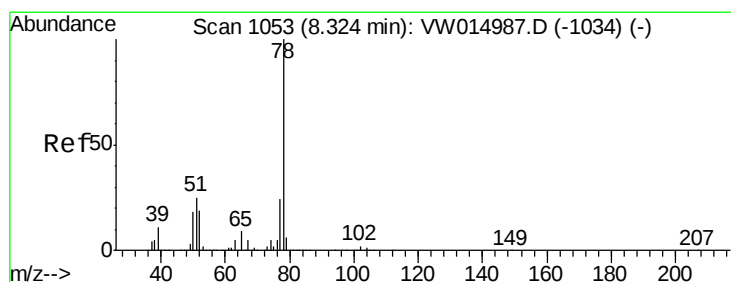
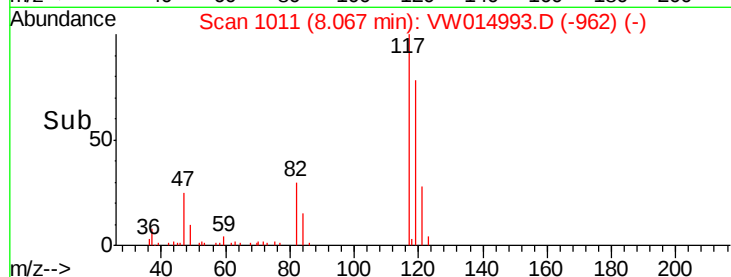
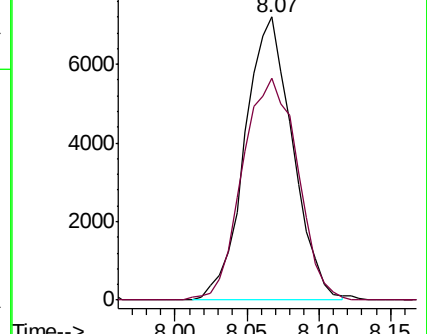
117 100

119 90.6 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 1.047 ug/L

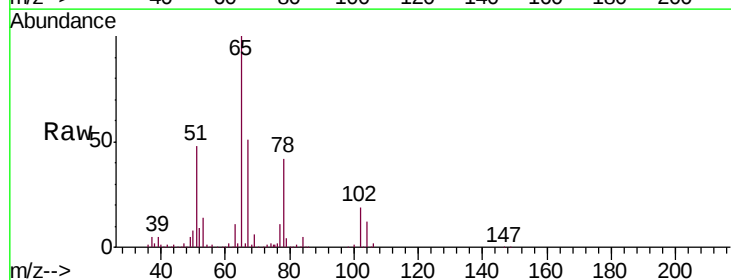
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

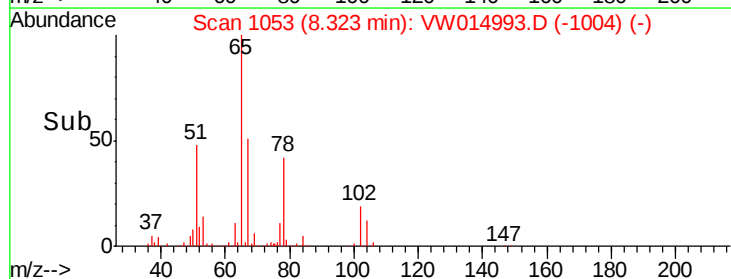
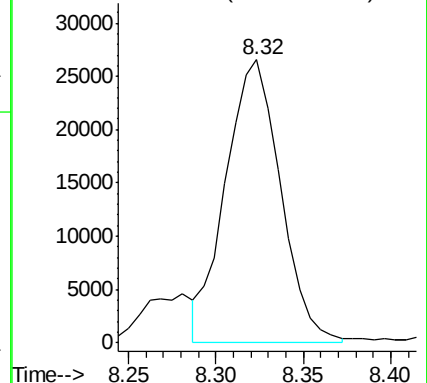
Lab File: VW014993.D

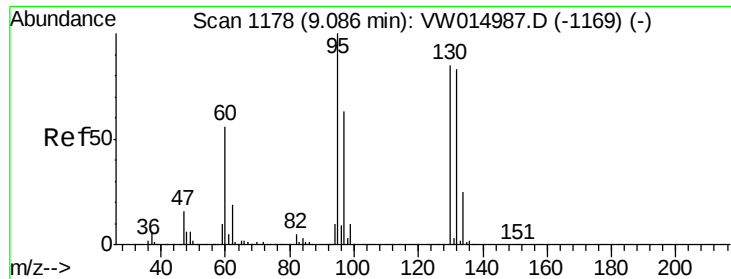
Acq: 14 Feb 2020 13:18

Tgt Ion: 78 Resp: 57620



Abundance Ion 78.00 (77.70 to 78.70): VW

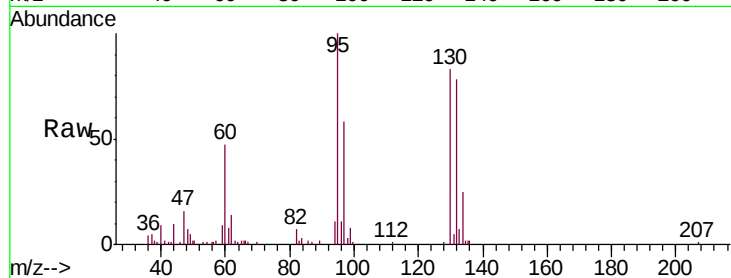




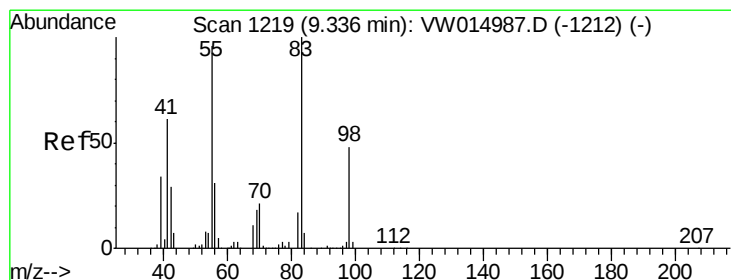
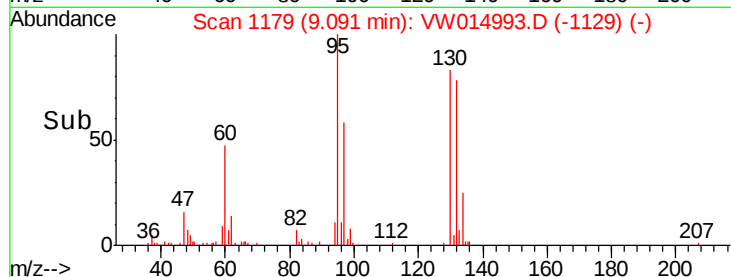
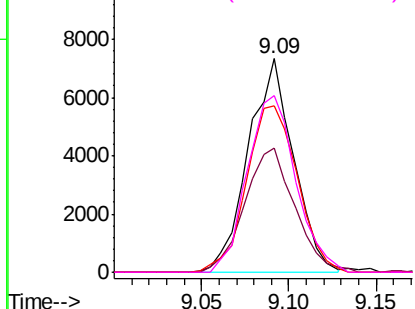
#34
 Trichloroethene
 Concen: 1.001 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

Tgt Ion: 95 Resp: 13198
 Ion Ratio Lower Upper
 95 100
 97 58.0 44.2 82.0
 132 77.7 56.1 104.3
 130 82.6 60.1 111.7

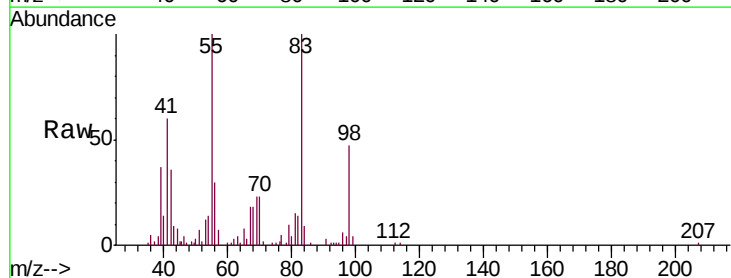


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

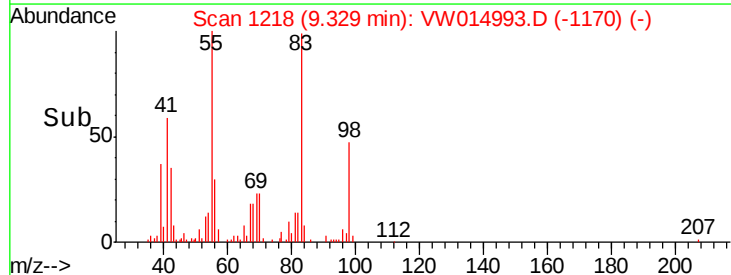
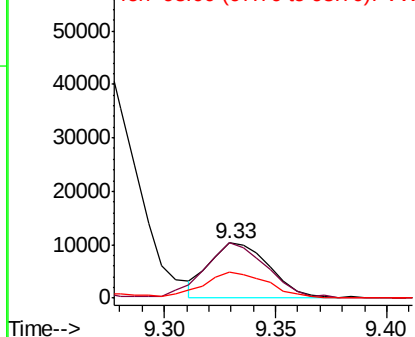


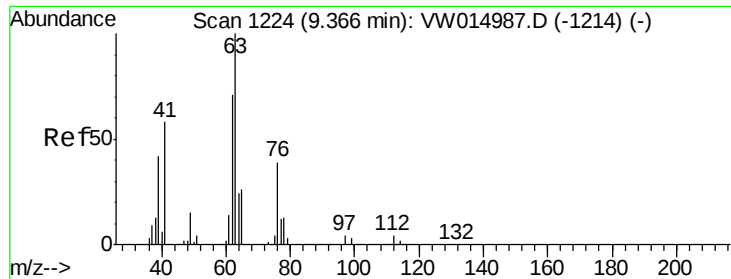
#35
 Methylcyclohexane
 Concen: 0.846 ug/L
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 83 Resp: 19235
 Ion Ratio Lower Upper
 83 100
 55 105.1 76.3 114.5
 98 51.4 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

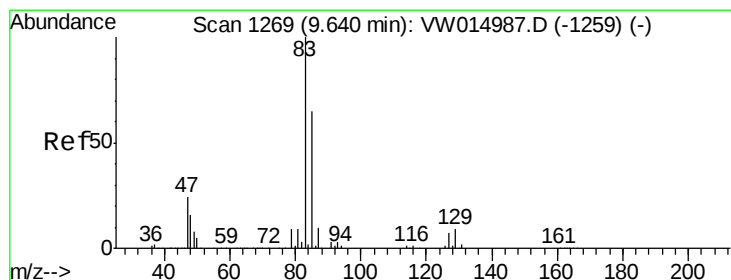
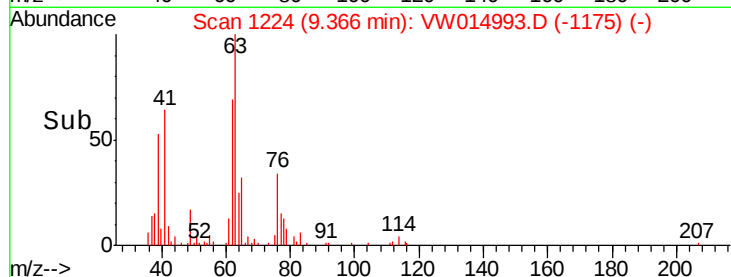
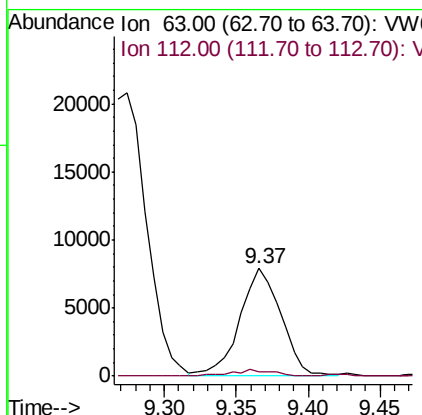
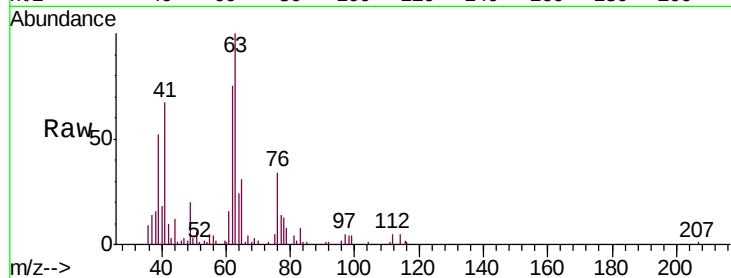




#37
 1,2-Dichloropropane
 Concen: 1.029 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

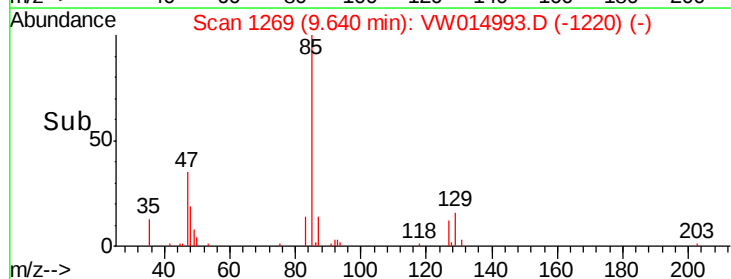
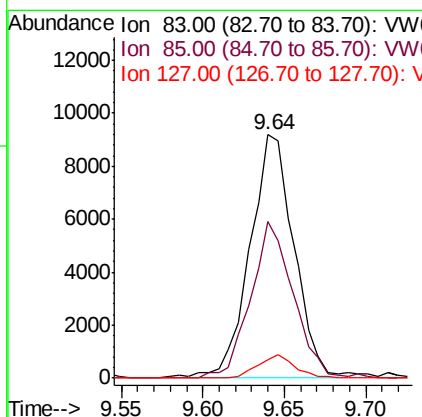
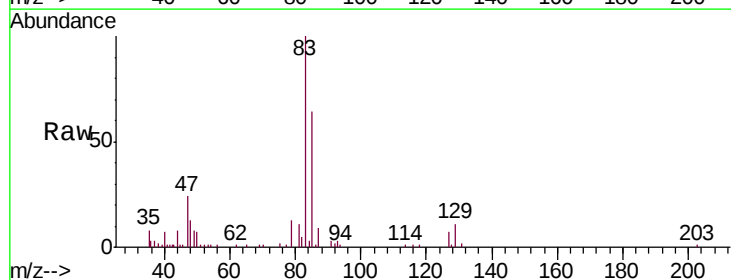
Instrument :
 MSVOA_W
 ClientSampleID :
 MDL06

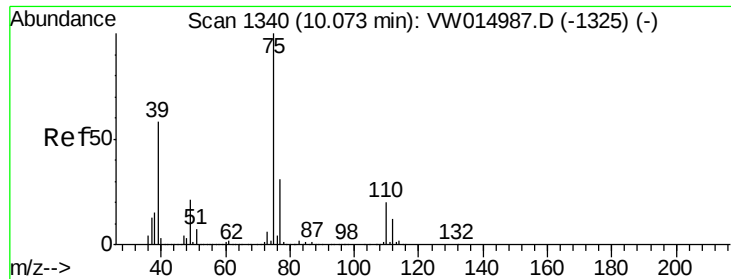
Tgt Ion: 63 Resp: 15820
 Ion Ratio Lower Upper
 63 100
 112 6.1 2.6 4.0#



#38
 Bromodichloromethane
 Concen: 0.987 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 83 Resp: 17088
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.2 84.0
 127 8.5 5.5 8.3#

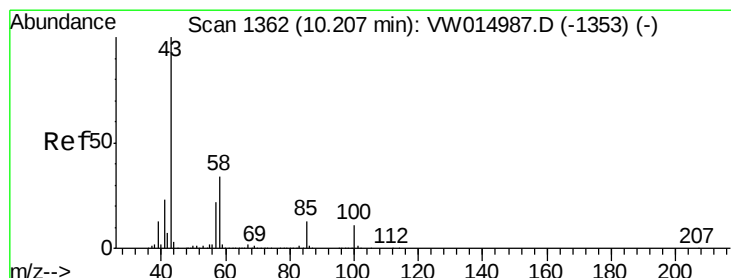
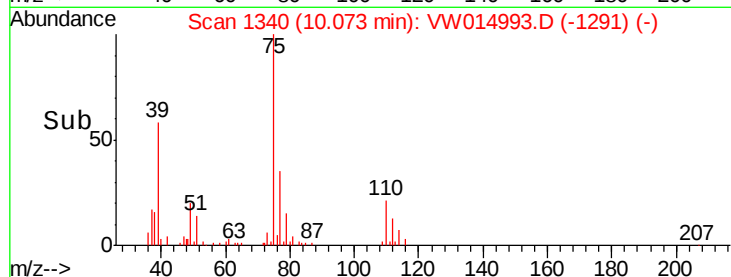
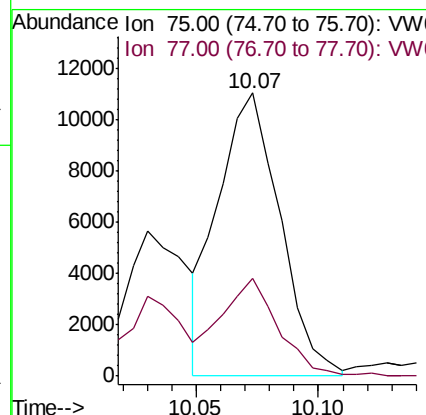
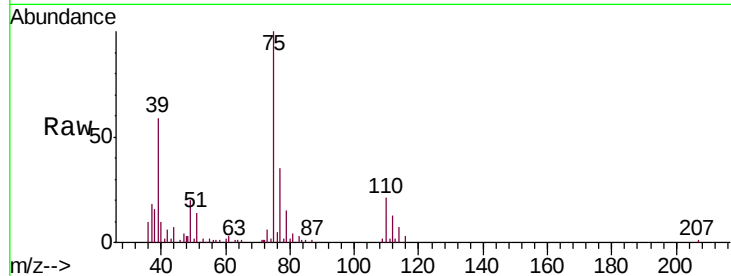




#39
 cis-1,3-Dichloropropene
 Concen: 0.940 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

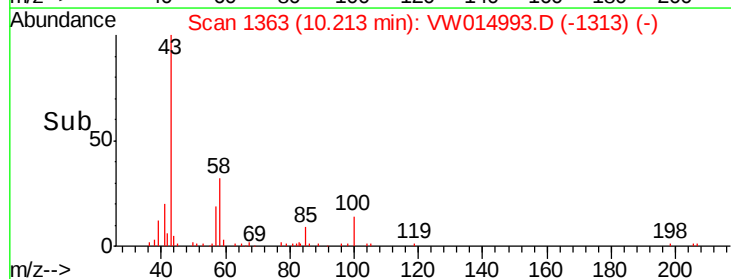
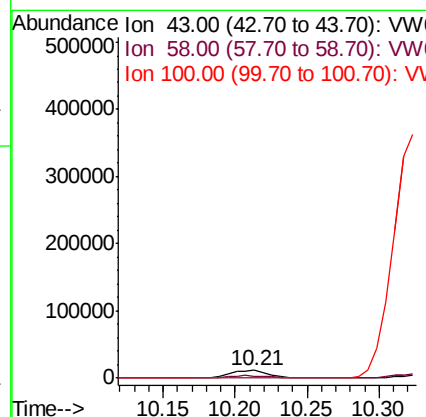
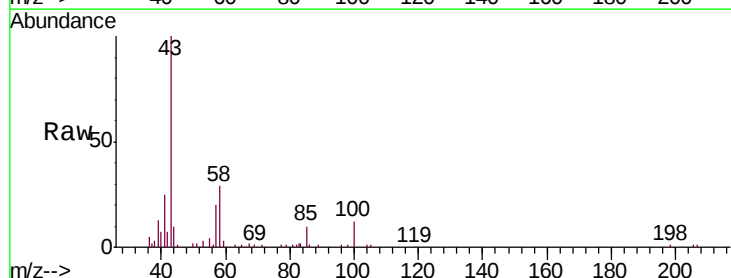
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

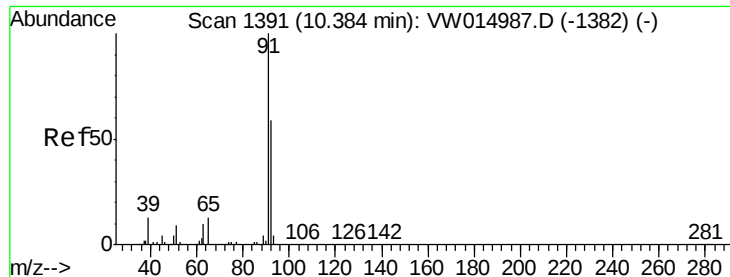
Tgt Ion: 75 Resp: 19344
 Ion Ratio Lower Upper
 75 100
 77 34.5 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 1.996 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 43 Resp: 21847
 Ion Ratio Lower Upper
 43 100
 58 34.4 27.7 41.5
 100 10.8 8.6 13.0





#42

Toluene

Concen: 1.058 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampled :

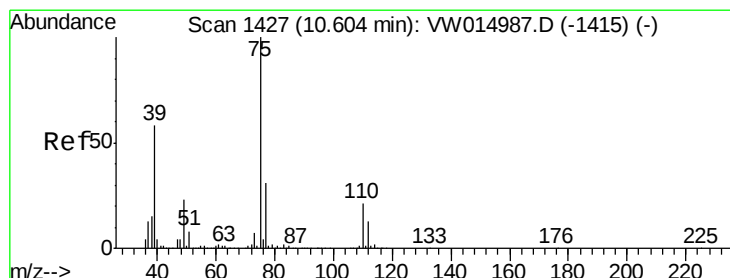
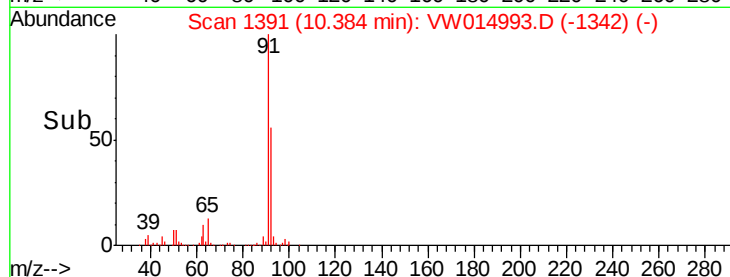
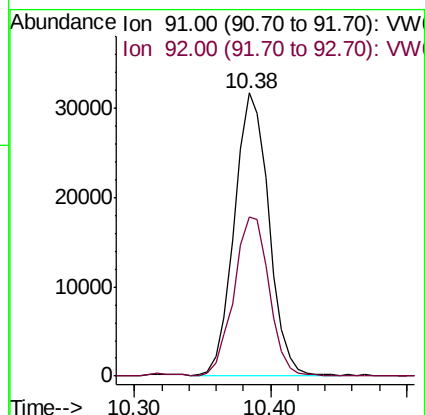
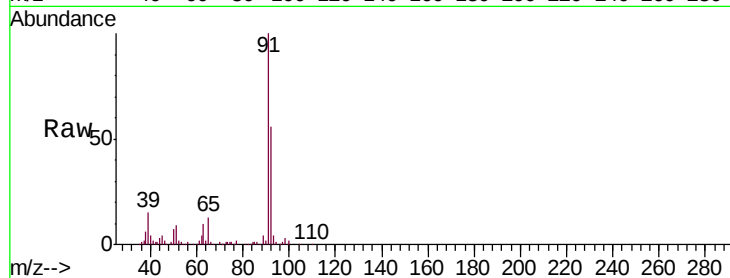
MDL06

Tgt Ion: 91 Resp: 56262

Ion Ratio Lower Upper

91 100

92 56.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 1.402 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014993.D

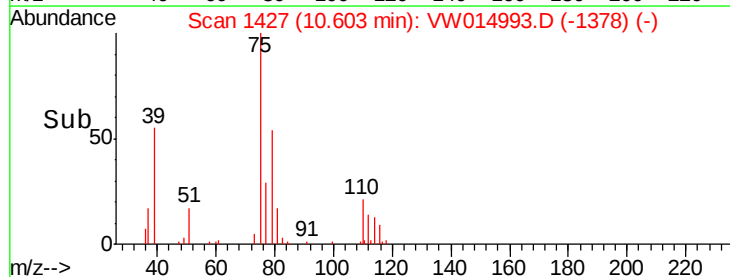
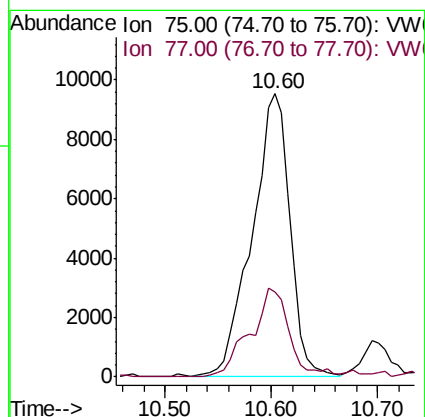
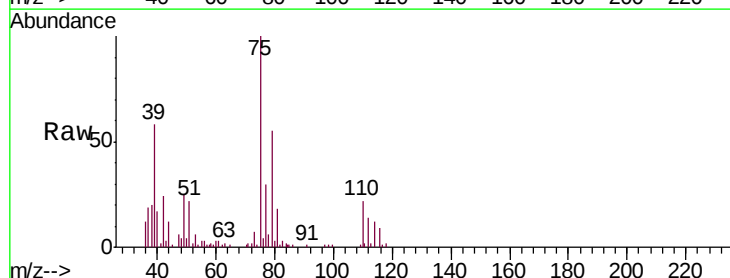
Acq: 14 Feb 2020 13:18

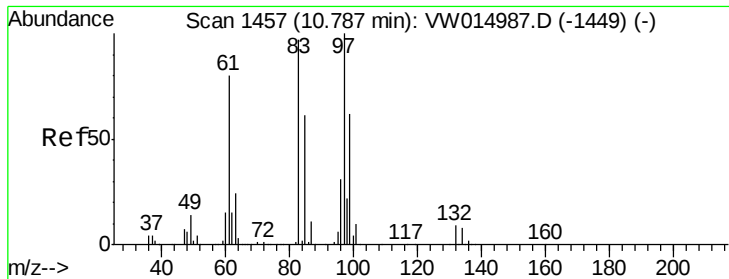
Tgt Ion: 75 Resp: 23921

Ion Ratio Lower Upper

75 100

77 29.9 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 1.012 ug/L

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 9442

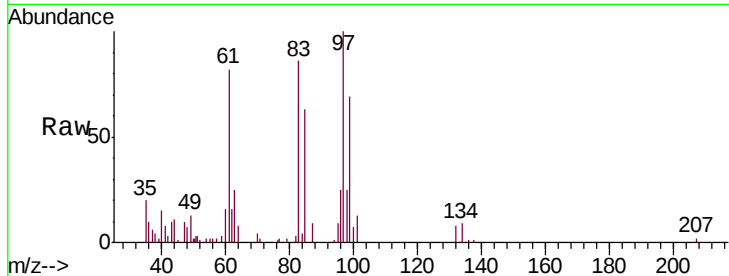
Ion Ratio Lower Upper

97 100

99 68.5 44.2 82.0

83 86.0 64.1 119.1

85 63.2 42.1 78.1



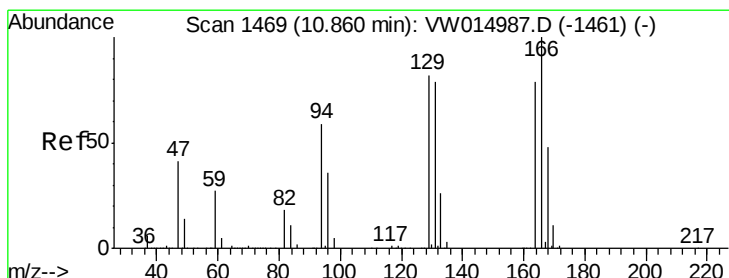
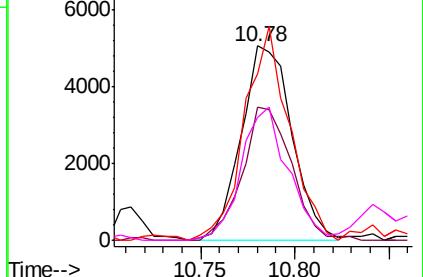
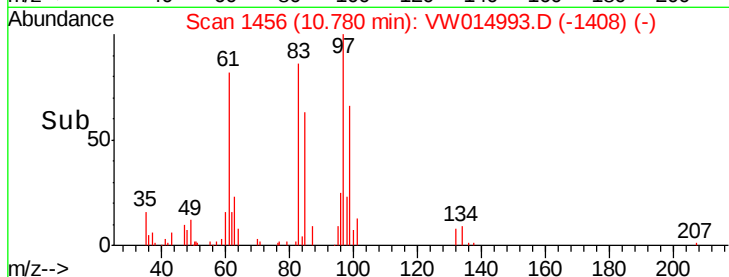
Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Time-->



#46

Tetrachloroethene

Concen: 0.997 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Tgt Ion: 164 Resp: 8533

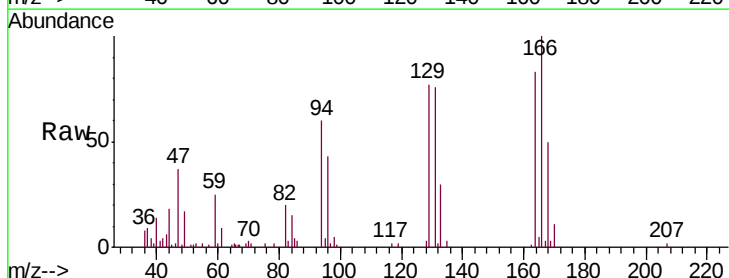
Ion Ratio Lower Upper

164 100

129 93.0 72.2 134.2

131 91.8 68.1 126.5

166 120.5 90.6 168.2



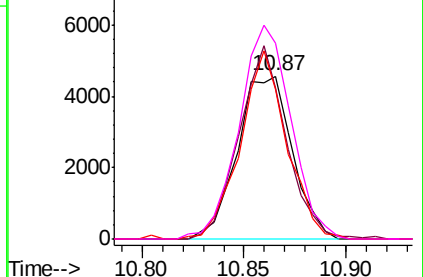
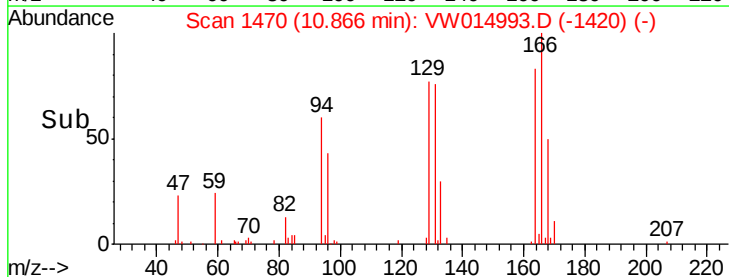
Abundance Ion 164.00 (163.70 to 164.70): V

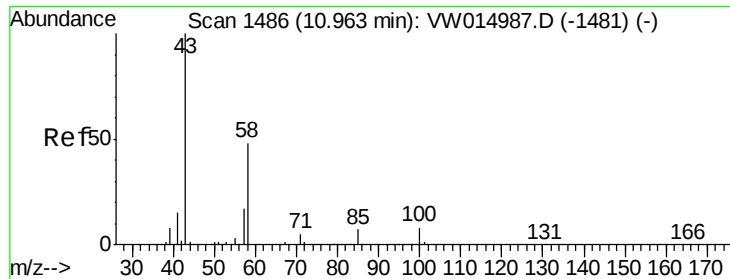
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->

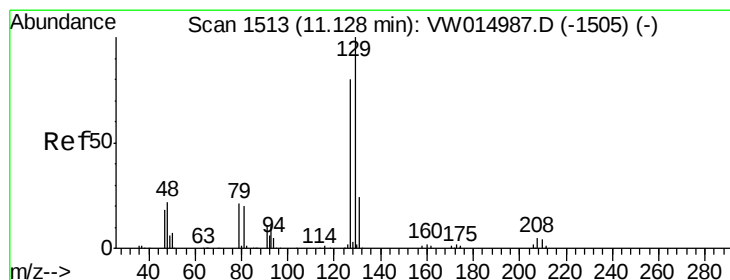
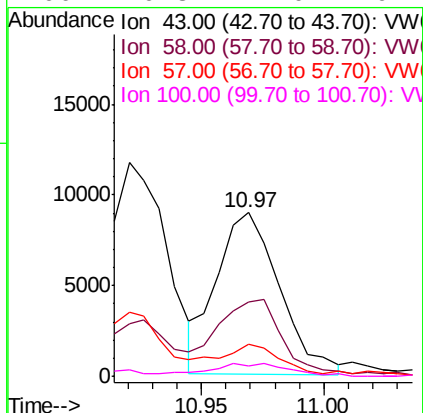
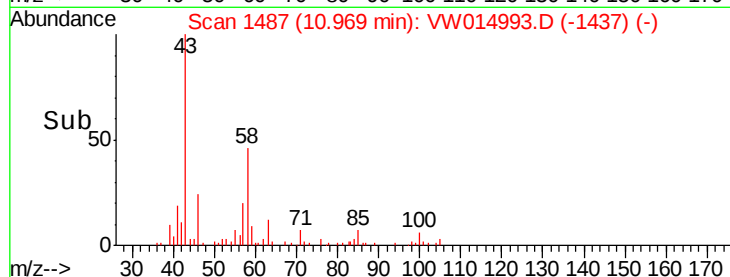
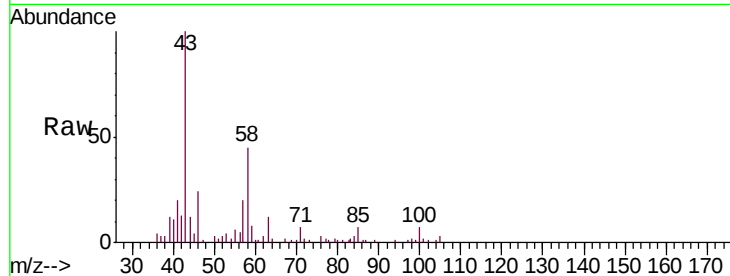




#48
2-Hexanone
Concen: 2.009 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

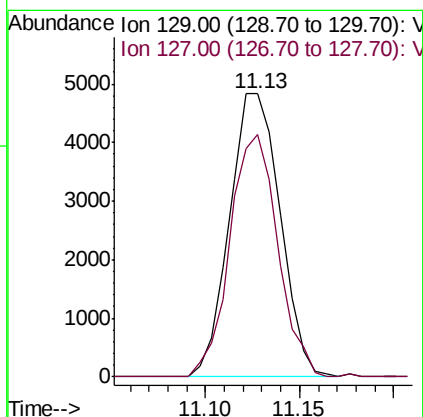
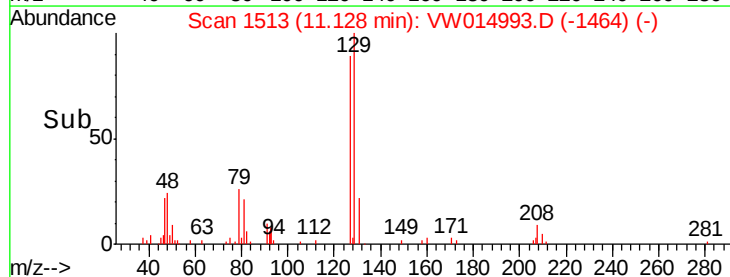
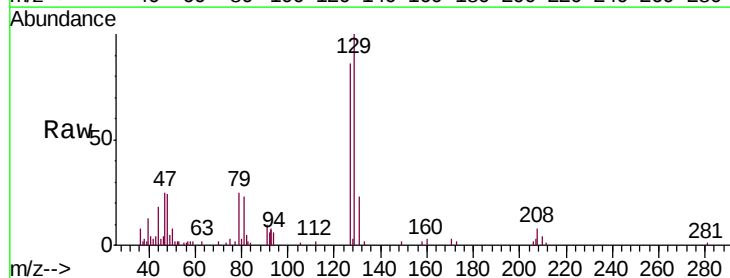
Instrument :
MSVOA_W
ClientSampleId :
MDL06

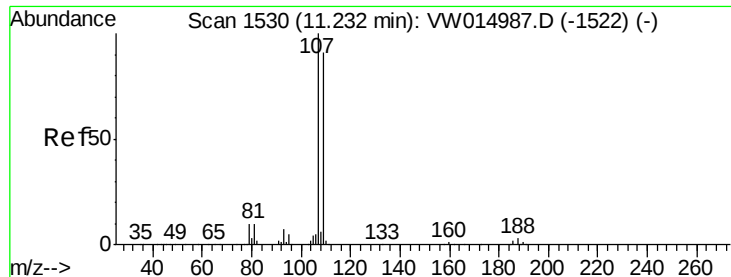
Tgt Ion: 43 Resp: 16021
Ion Ratio Lower Upper
43 100
58 49.0 39.2 58.8
57 14.6 13.1 19.7
100 10.3 7.0 10.4



#49
Dibromochloromethane
Concen: 0.927 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion: 129 Resp: 9009
Ion Ratio Lower Upper
129 100
127 85.8 53.0 98.4

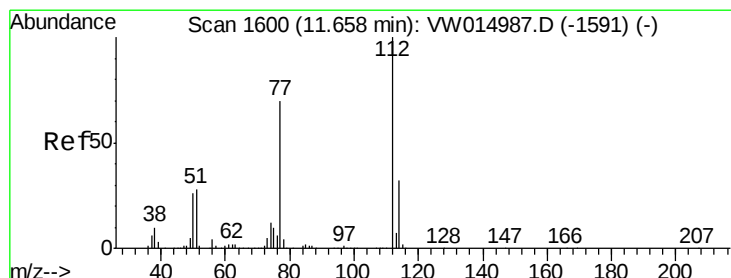
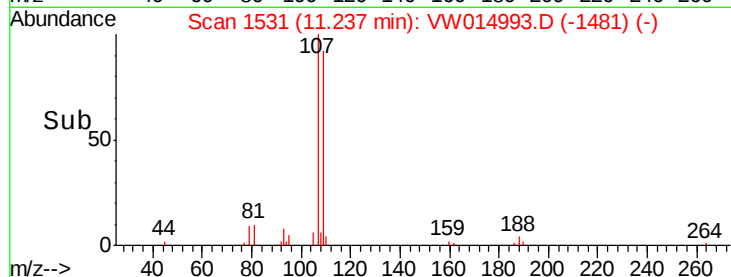
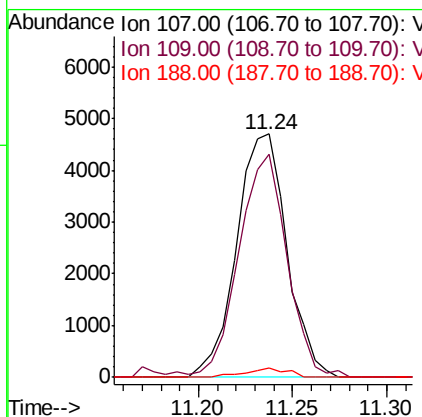
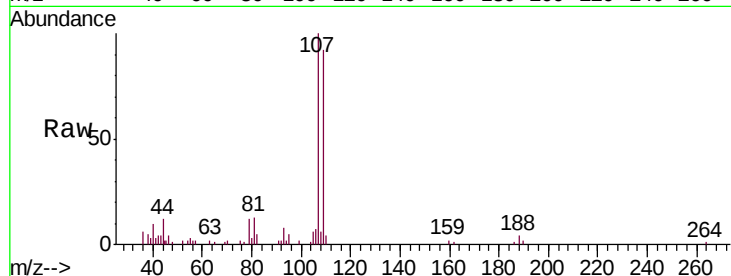




#50
1,2-Dibromoethane
Concen: 1.039 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

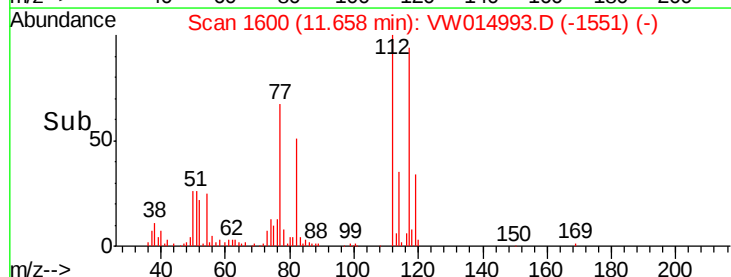
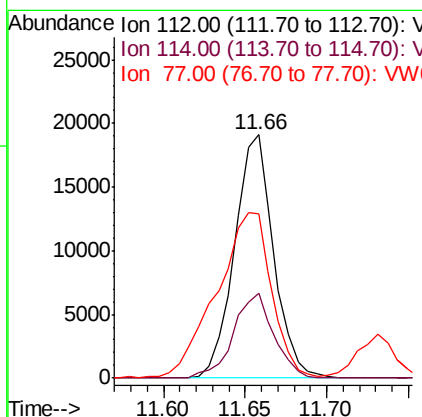
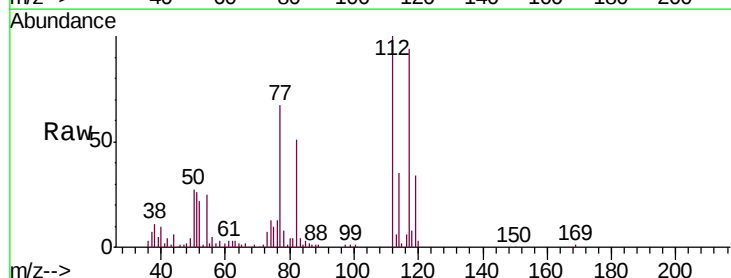
Instrument :
MSVOA_W
ClientSampleId :
MDL06

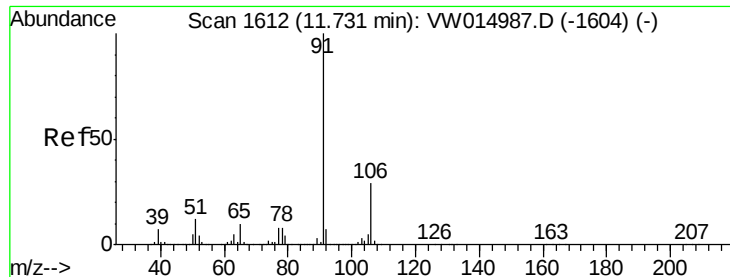
Tgt Ion:107 Resp: 8737
Ion Ratio Lower Upper
107 100
109 91.6 65.1 120.9
188 4.0 2.4 3.6#



#51
Chlorobenzene
Concen: 1.015 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion:112 Resp: 31849
Ion Ratio Lower Upper
112 100
114 35.1 22.6 42.0
77 67.4 54.6 82.0





#52

Ethylbenzene

Concen: 0.874 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

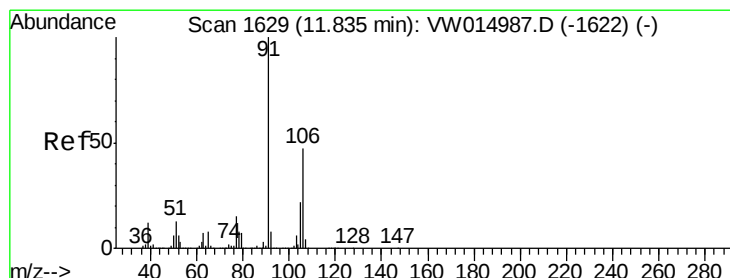
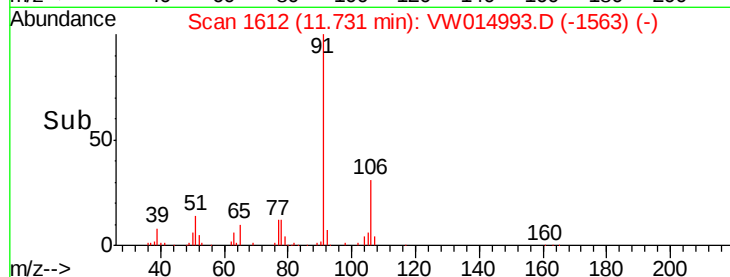
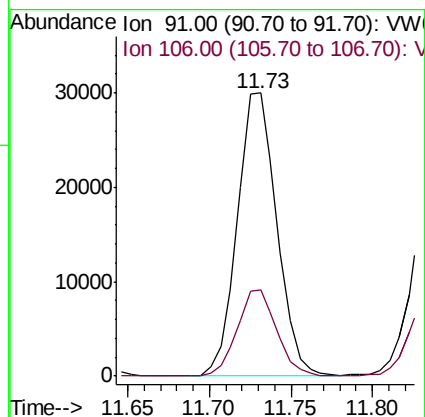
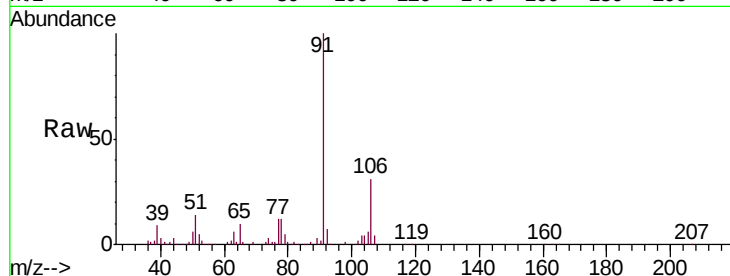
MDL06

Tgt Ion: 91 Resp: 50623

Ion Ratio Lower Upper

91 100

106 30.6 20.2 37.4



#53

m,p-Xylene

Concen: 0.844 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014993.D

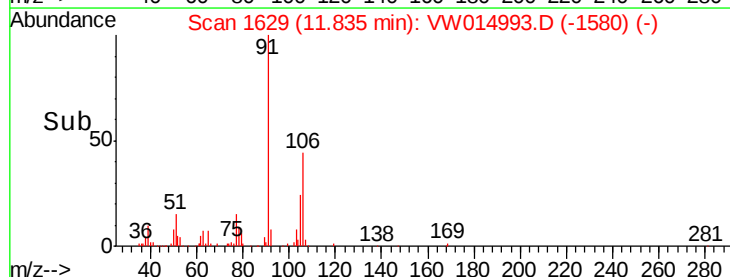
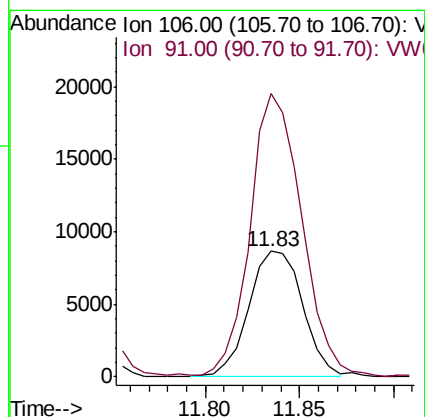
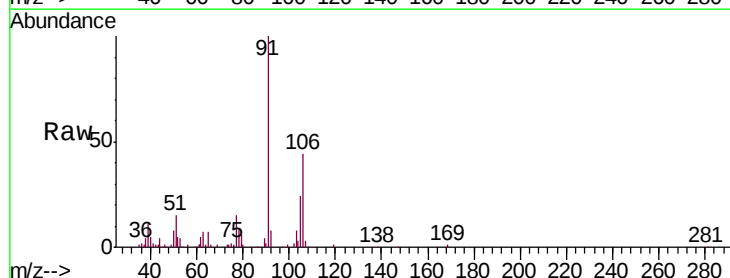
Acq: 14 Feb 2020 13:18

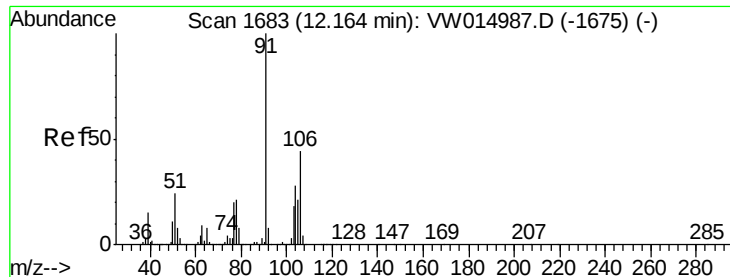
Tgt Ion: 106 Resp: 17164

Ion Ratio Lower Upper

106 100

91 225.6 149.2 277.2

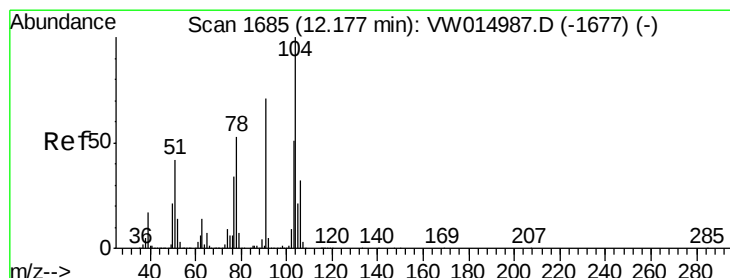
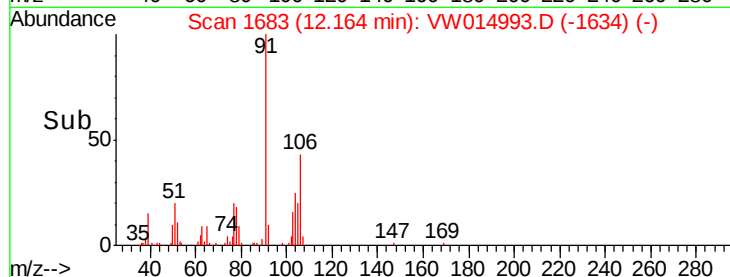
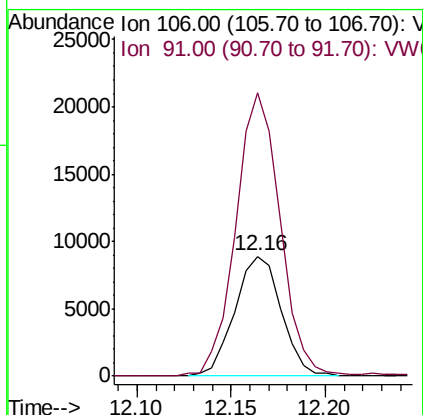
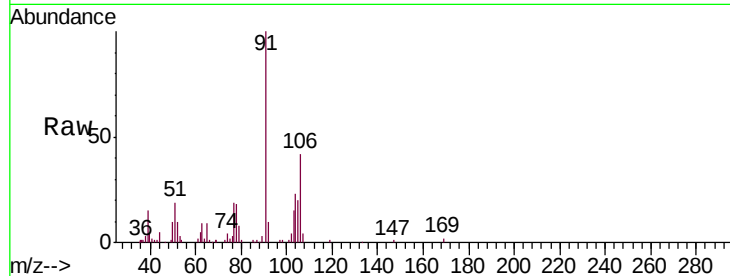




#54
o-Xylene
Concen: 0.797 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

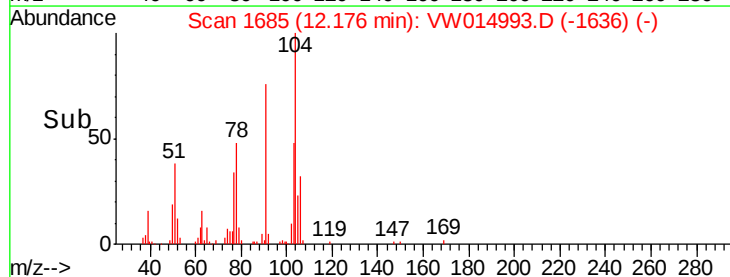
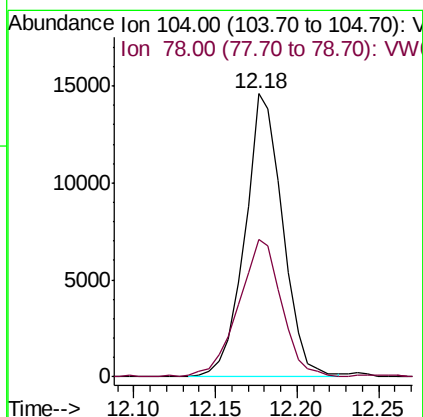
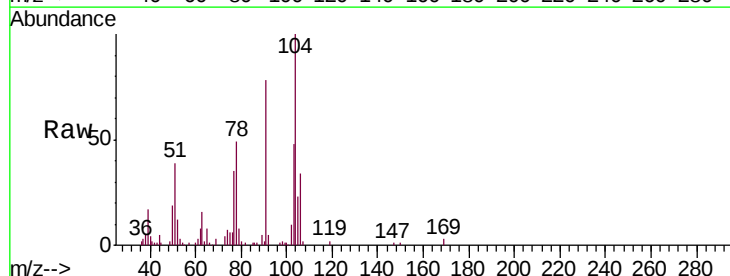
Instrument :
MSVOA_W
ClientSampled :
MDL06

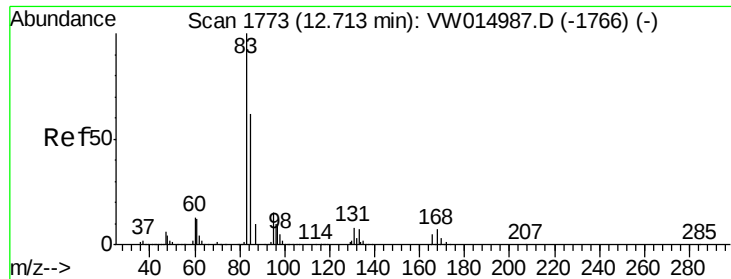
Tgt Ion:106 Resp: 15209
Ion Ratio Lower Upper
106 100
91 236.6 163.7 304.1



#55
Styrene
Concen: 0.715 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion:104 Resp: 23523
Ion Ratio Lower Upper
104 100
78 48.7 36.8 68.4

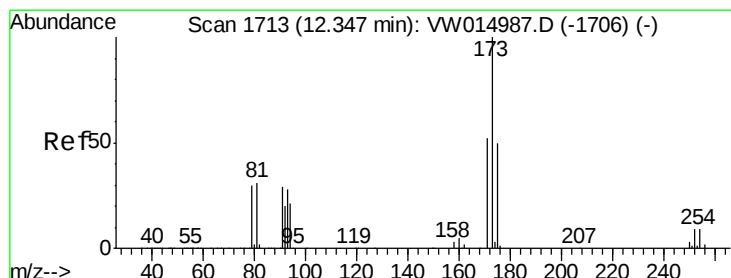
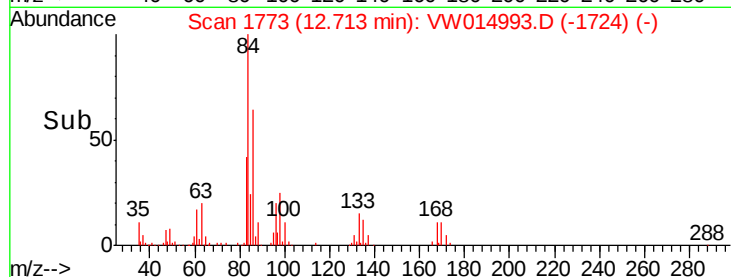
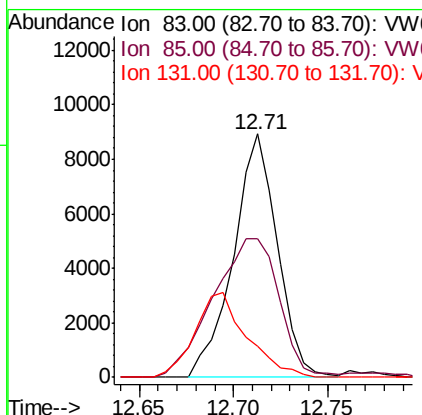
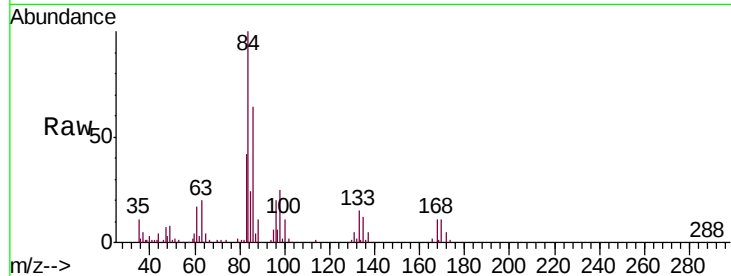




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.158 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

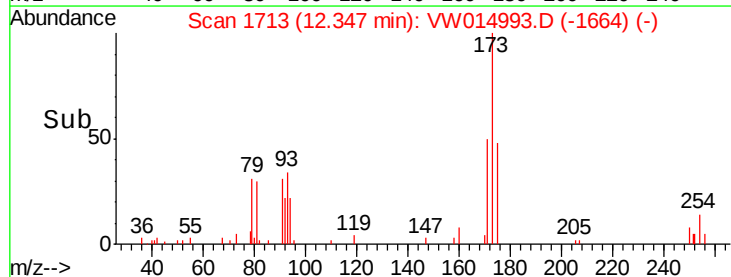
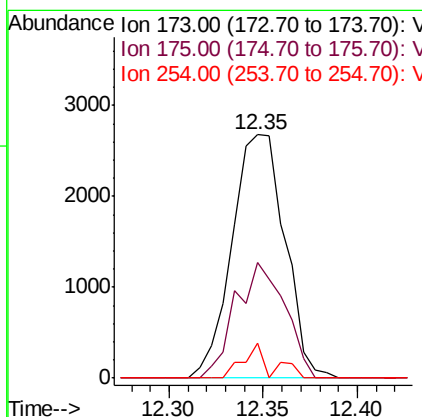
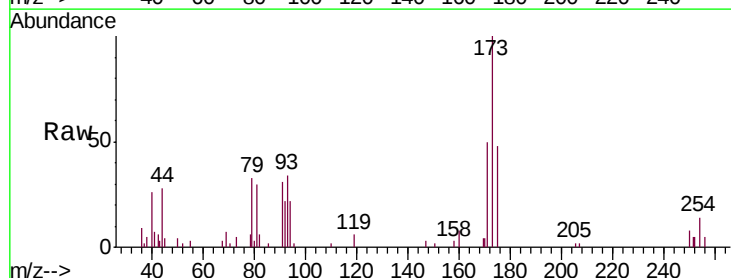
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

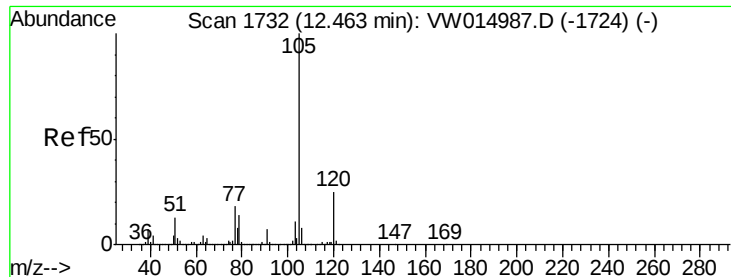
Tgt Ion: 83 Resp: 14450
 Ion Ratio Lower Upper
 83 100
 85 56.9 44.9 83.5
 131 12.6 6.2 9.2#



#59
 Bromoform
 Concen: 1.171 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 173 Resp: 5224
 Ion Ratio Lower Upper
 173 100
 175 44.4 39.0 58.4
 254 5.1 7.1 10.7#





#60

Isopropylbenzene

Concen: 0.822 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

MDL06

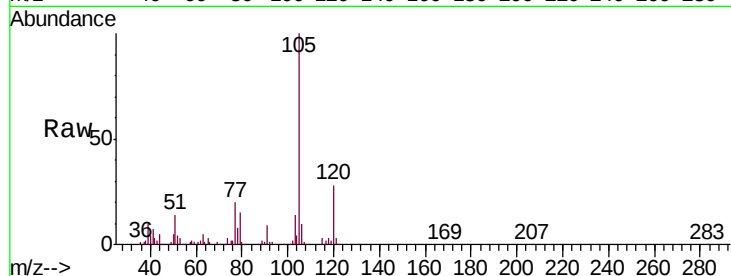
Tgt Ion: 105 Resp: 37554

Ion Ratio Lower Upper

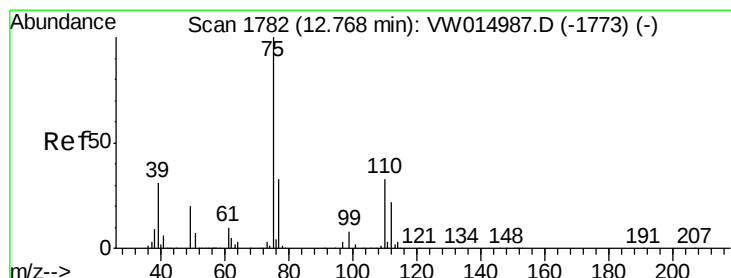
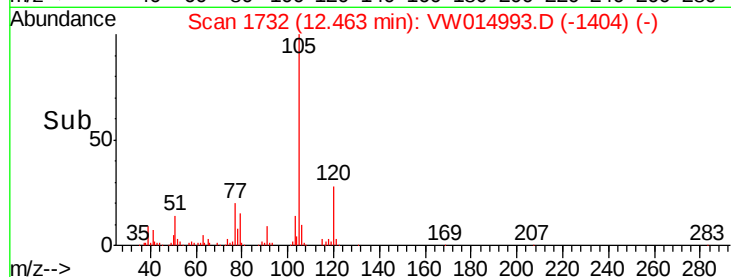
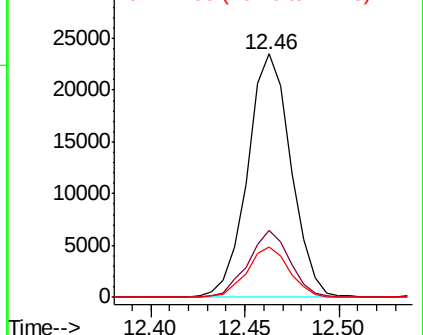
105 100

120 26.3 20.1 30.1

77 20.2 14.4 21.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 1.219 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014993.D

Acq: 14 Feb 2020 13:18

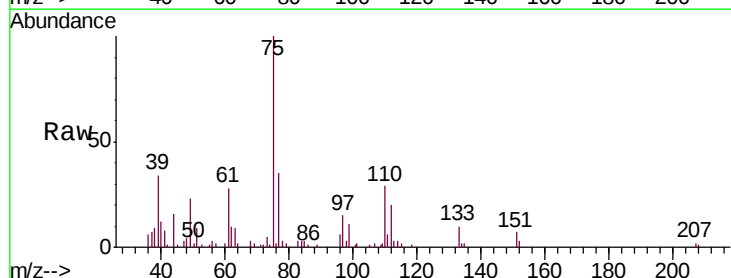
Tgt Ion: 75 Resp: 10420

Ion Ratio Lower Upper

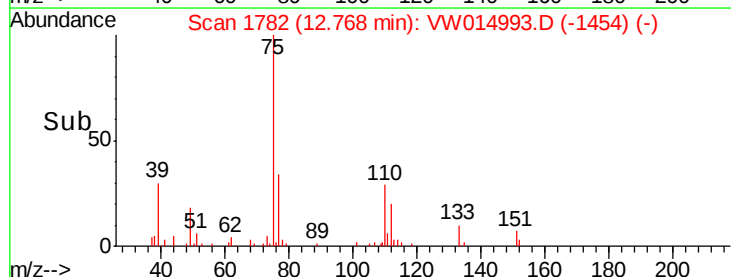
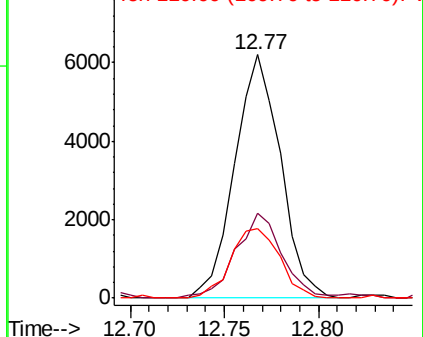
75 100

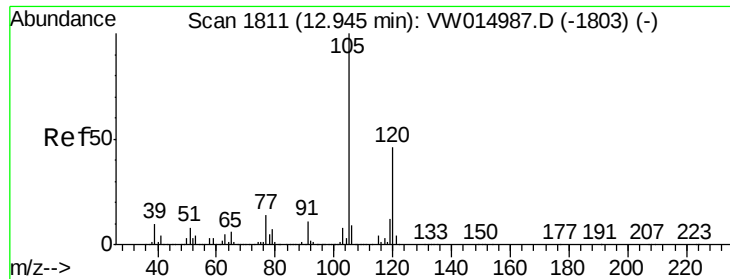
77 35.2 25.8 38.6

110 30.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 110.00 (109.70 to 110.70): V

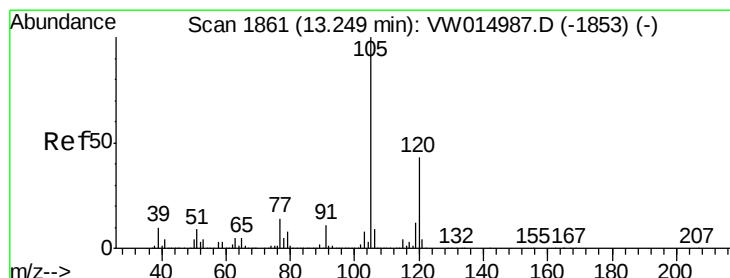
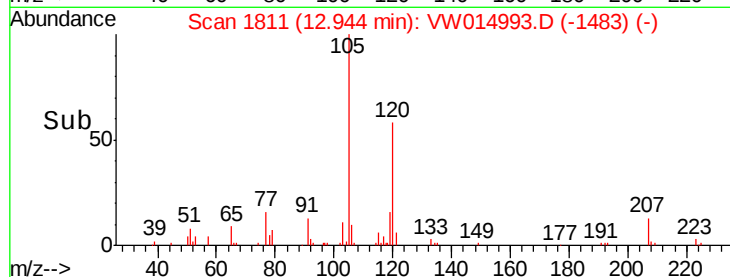
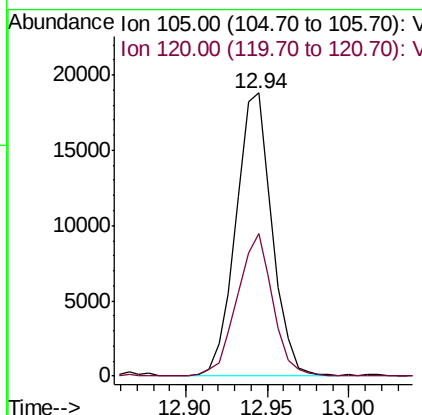
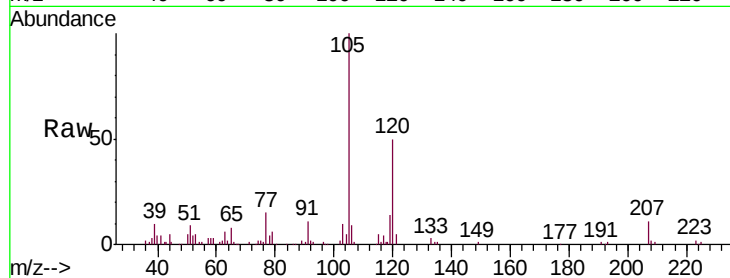




#62
 1,3,5-Trimethylbenzene
 Concen: 0.798 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

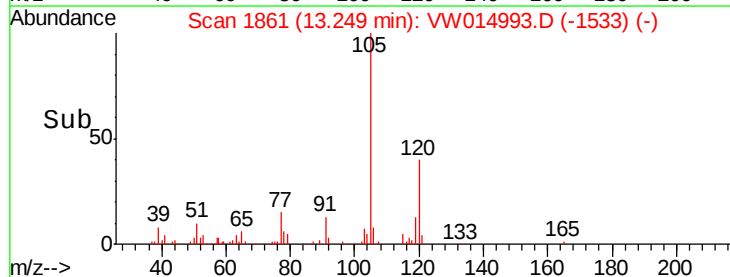
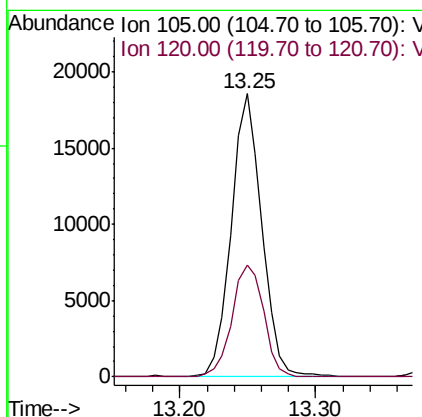
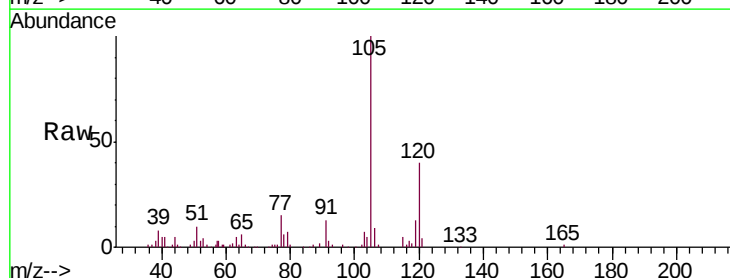
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

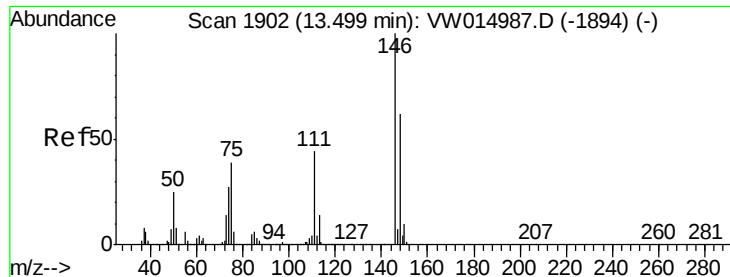
Tgt Ion:105 Resp: 29073
 Ion Ratio Lower Upper
 105 100
 120 49.4 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.812 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion:105 Resp: 28930
 Ion Ratio Lower Upper
 105 100
 120 41.0 35.0 52.4

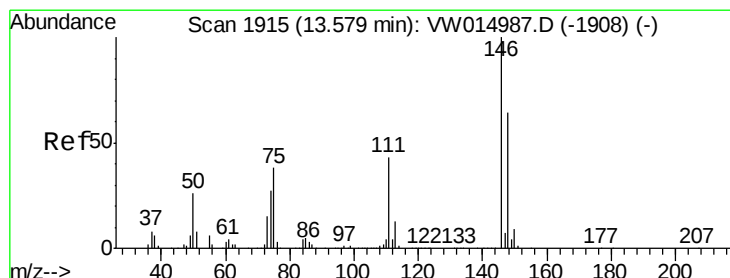
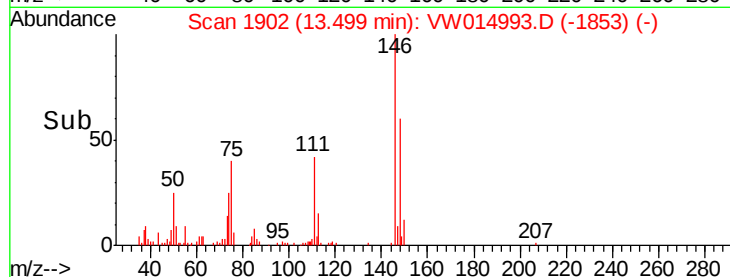
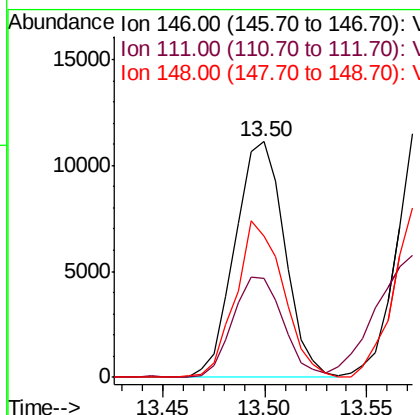
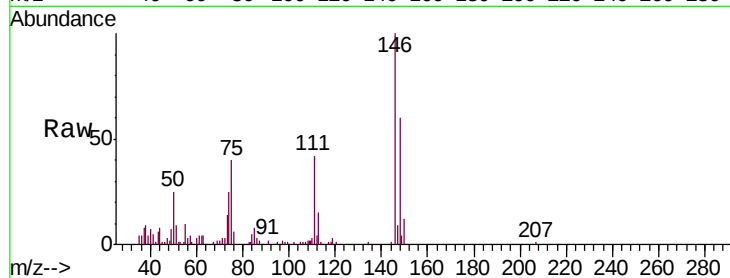




#64
 1,3-Dichlorobenzene
 Concen: 1.002 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

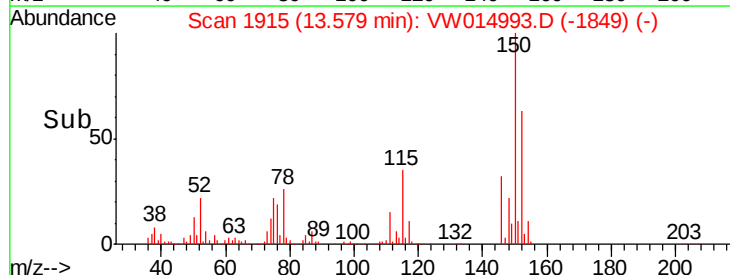
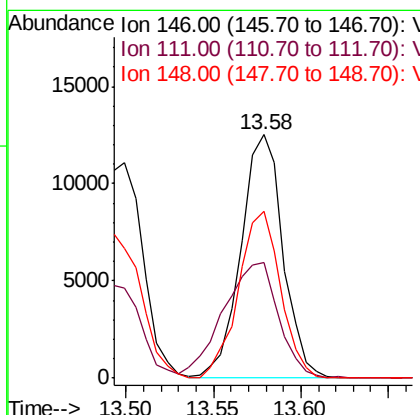
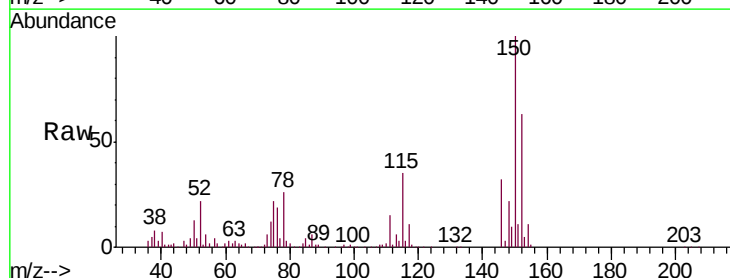
Instrument :
 MSVOA_W
 ClientSampled :
 MDL06

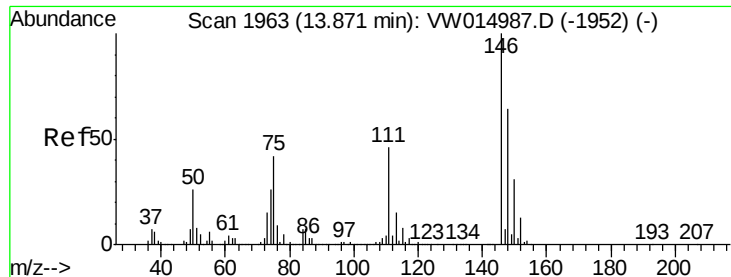
Tgt Ion:146 Resp: 18859
 Ion Ratio Lower Upper
 146 100
 111 41.9 30.2 56.0
 148 59.9 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 1.078 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion:146 Resp: 20928
 Ion Ratio Lower Upper
 146 100
 111 47.4 29.5 54.9
 148 68.4 43.8 81.3

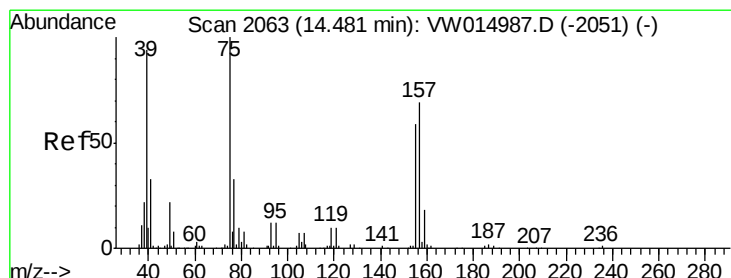
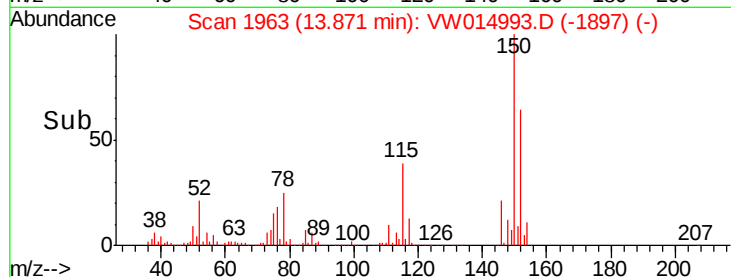
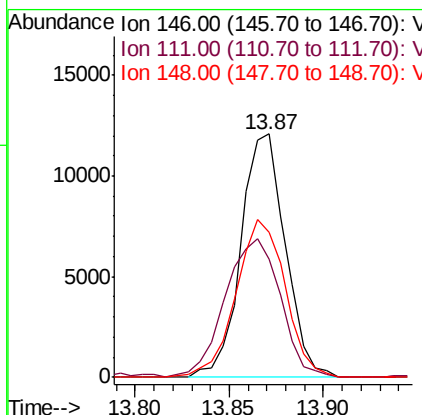
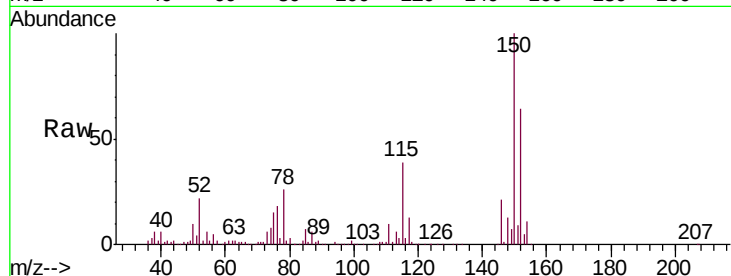




#67
 1,2-Dichlorobenzene
 Concen: 1.135 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

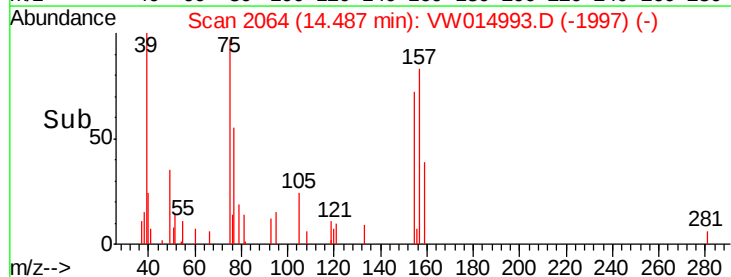
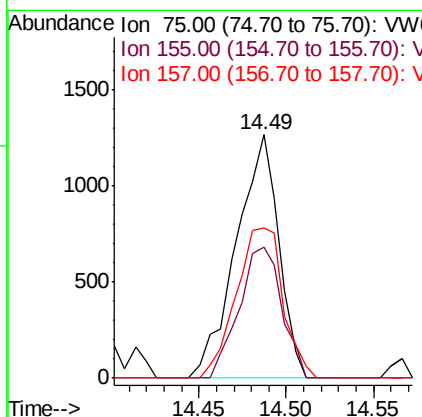
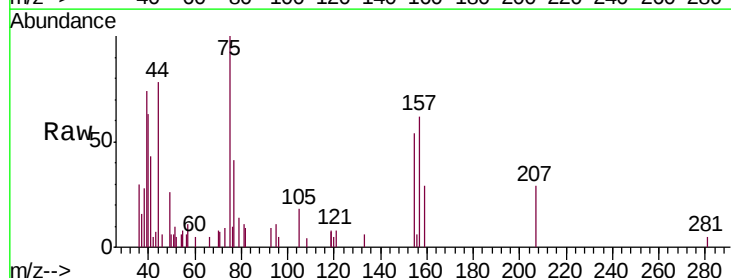
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

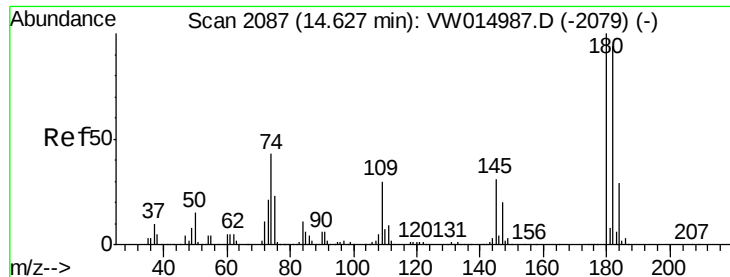
Tgt Ion:146 Resp: 19767
 Ion Ratio Lower Upper
 146 100
 111 48.4 38.0 57.0
 148 59.5 49.5 74.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.195 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion: 75 Resp: 2137
 Ion Ratio Lower Upper
 75 100
 155 53.7 48.0 72.0
 157 61.8 59.4 89.0

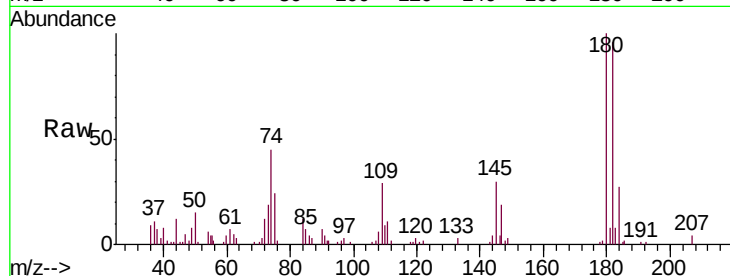




#69
 1,3,5-Trichlorobenzene
 Concen: 0.993 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Tgt Ion:	180	Resp:	12527
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.5	114.7
184	28.1	24.2	36.2
145	32.2	25.0	37.6



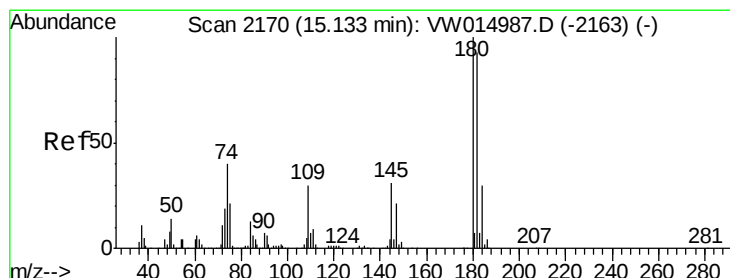
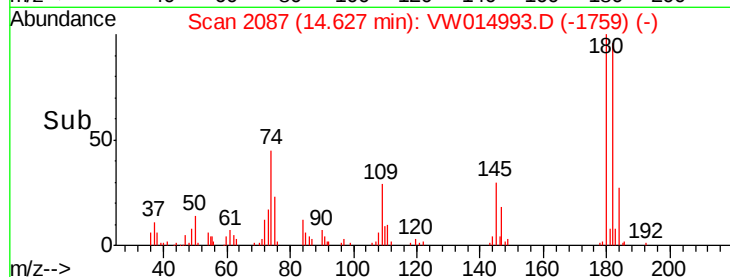
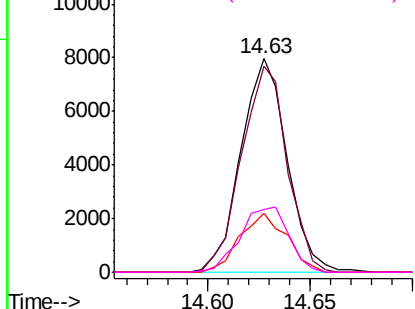
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

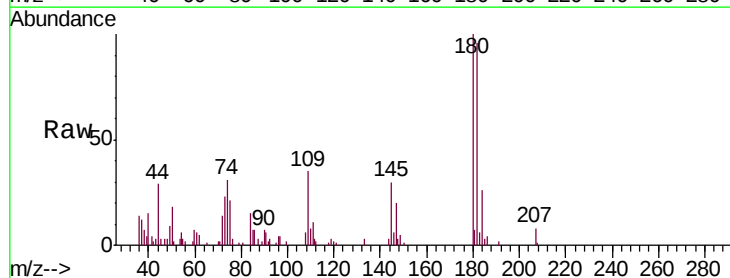
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 0.860 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014993.D
 Acq: 14 Feb 2020 13:18

Tgt Ion:	180	Resp:	8132
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	33.0	26.2	39.4

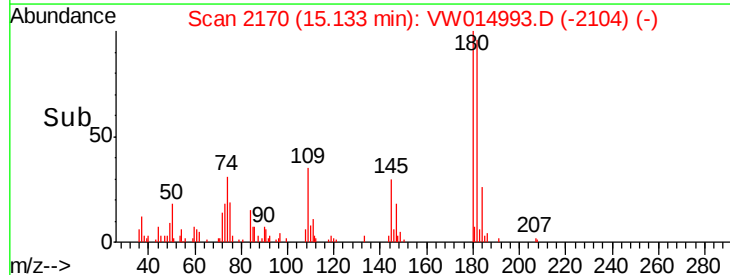
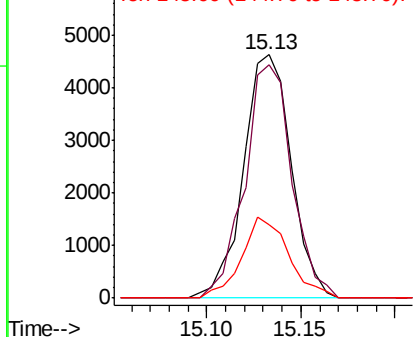


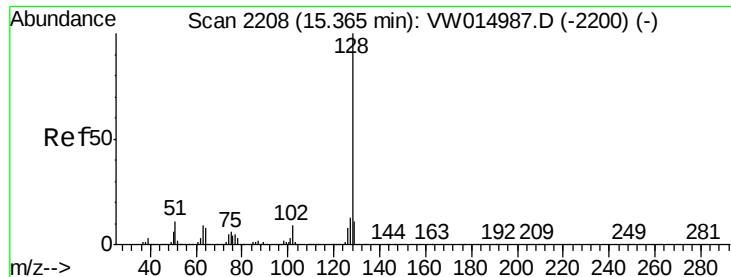
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

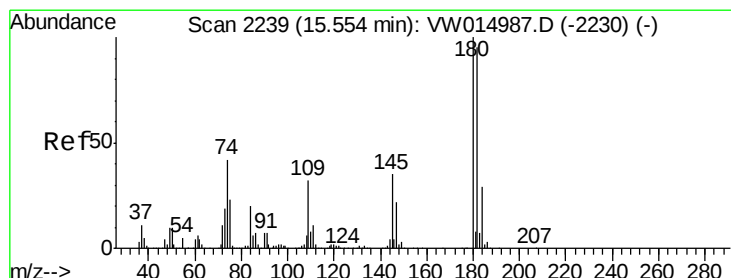
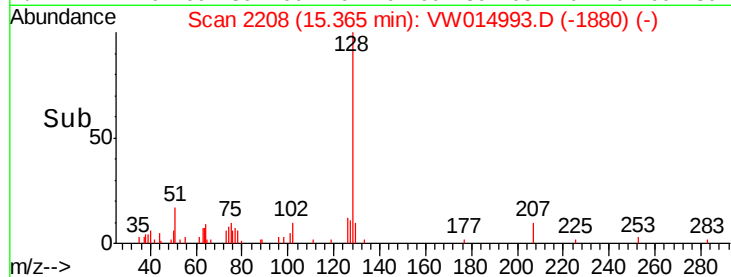
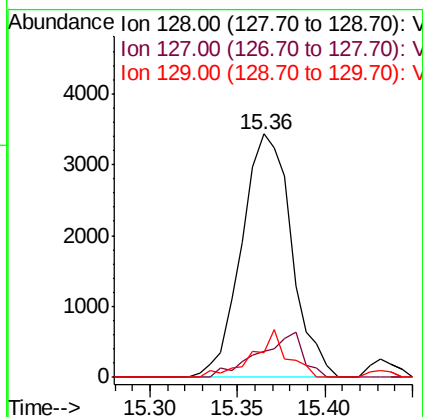
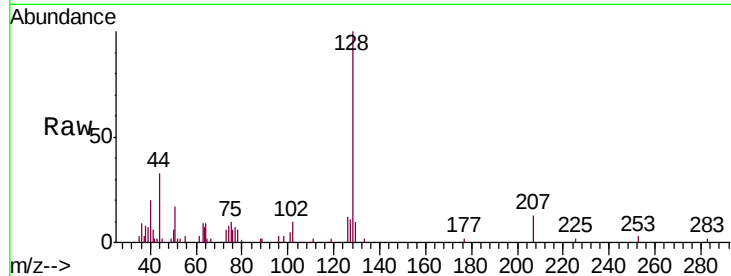




#71
Naphthalene
Concen: 0.703 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion:128 Resp: 6829
Ion Ratio Lower Upper
128 100
127 16.2 10.5 15.7#
129 12.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 0.904 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW014993.D
Acq: 14 Feb 2020 13:18

Tgt Ion:180 Resp: 7927
Ion Ratio Lower Upper
180 100
182 86.9 75.2 112.8
145 20.0 27.0 40.6#

